

VINAY SINGH NEGI

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Target Industry: Open to all

Target Position: Senior Architect & UI Architect



PROFILE

- **Seasoned Solution Architect with over 15 years** of progressive experience in leading architecture and implementation projects.
- **Demonstrated expertise in technology evaluation & selection, cost optimization,** and risk identification & mitigation, driving efficiencies and cost savings for organizations.
- **Proven track record of success in Agile & Scrum methodologies,** adeptly managing projects from conception to completion while ensuring alignment with business objectives and timelines.
- **Exceptional client relationship management skills,** with a knack for understanding & analyzing business requirements to deliver tailored technical solutions that exceed client expectations.
- **Expertise in UI front-end technologies and coding,** ensuring seamless user experiences and intuitive interfaces that enhance user engagement and satisfaction.
- **Strong leadership abilities, with experience in team management and project management,** guiding cross-functional teams to achieve project milestones and deliver high-quality solutions on time and within budget.

CORE COMPETENCIES

- *Experience in **MERN and MEAN** stack with vast experience in building web applications, used React JS for client side, Node JS/Express for server side and MongoDB for Database.*
- *Experience in providing **technical leadership** and **architectural** guidance for **design** and implementation of software system enhancements.*
- *Expertise in using **React/Redux** to build user interface. Strong knowledge of **state, hooks, store, middleware, action creator, reducer.***
- *Extensive experience in developing restful web services with **Express ,Node JS and API design with Swagger Hub.***
- *Deep understanding with Advanced JavaScript concepts, such as **Prototype, Closure, Scope Chain, Functional Programming and Promise.***
- *Experience in **Micro front-end architecture and module federation.***
- *Experience in **Micro services architecture***
- *Experience in **Nest JS, Next JS.***
- *Extensively worked with Test Driven Development(TDD) and proficient in creating and executing unit test cases using **jest and Enzyme.***
- ***Team Lead and Team Player** with excellent communication, Trouble shooting, Debugging and strong analytical problem-solving skills to deliver Technology products and consulting solutions.*
- *Solid understanding of software development life cycle with modern **agile** development methodologies(**Scrum** etc).*

TECHNICAL SKILLS

- **Programming Languages and Frameworks:** JavaScript, HTML, CSS, TypeScript, React JS, Nest JS, Next JS, AngularJS, Node JS, Express JS, Redux, GraphQL, Less, Lodash, Webpack, Jest, Enzyme
- **Cloud Technologies:** AWS, AWS Lambda, AWS API Gateway, AWS CloudFront, AWS ECS Fargate, AWS CloudFormation, Terraform
- **Database and Data Storage:** Couchbase, SQL Server
- **Development Tools and Environments:** .NET, Visual Studio, Gulp
- **Other Skills:** Agile & Scrum Methodologies, Microservices Architecture, Kafka, Web Application Security, UI Design, RESTful APIs, Kubernetes, docker, Open API, Swagger Hub.

WORK EXPERIENCE

Solution Architect | Western Union | Mar 2020 – Mar 2025

- Implemented robust security measures within the application to safeguard sensitive data and ensure compliance with industry standards, and modular code architecture, facilitating code reuse and maintainability across multiple projects.
- Orchestrated the implementation of **OKTA** Authorization flow to seamlessly generate **JWT** tokens, enhancing authentication and access control mechanisms.
- Developed and integrated **React Sign-in Widget** for streamlined user authentication, enhancing user experience and security.
- Leveraged **AWS Lambda** authorizer with **API Gateway** to introduce advanced authorization features, ensuring secure access to application resources. Implemented Sign-Out functionality, enhancing user privacy and security across the application.
- Introduced error boundaries in the React pricing UI application, improving error handling and user experience.
- Analyzed business requirements and translated functional requirements into technical specifications, guiding the development of web applications. Successfully migrated **single-page** applications to **AWS CloudFront**, optimizing performance and scalability.
- Led the migration of existing **EC2**-based applications to **ECS Fargate**, enhancing scalability and resource utilization while reducing operational overhead.
- Conducted cost estimation using the **AWS** pricing calculator, ensuring **cost-effective** solutions aligned with budgetary constraints.

- Collaborated with design teams to create intuitive and **visually appealing applications, enhancing user engagement & satisfaction.**
- Managed the **Pricing UI application**, which is instrumental in setting **pricing within the application, ensuring its functionality and performance meet business requirements,used ReactJS,Node JS.**
- **Skills: React JS, Node JS, ExpressJS, Nest JS, Next JS, MongoDB, AWS , Graph QL, TDD with JEST,Swagger Hub, Micro-services, KAFKA.**

Technical Lead | Xoriant Solutions Pvt Ltd | Nov 2018 - Feb 2020

- Led the development of Discovery, a platform where users join **datasets** from multiple processed facts within the **Cognitive Data Layer (CDL)** to better **visualize data.** Conducted **unit testing** using **Jest**, ensuring the **reliability and quality of the codebase.**
- Led and **mentored** a team of **5 members**, fostering their technical growth and skill development. Analyzed business requirements and translated functional specifications into technical requirements, guiding the development of web applications.
- Set up projects using **Webpack**, implementing hot reload and optimized production builds to enhance development efficiency.
- Implemented a component-based approach to create a specific component **library, promoting code** reuse and maintainability.
- Collaborated with the design team to create **visually appealing & user-friendly applications**, ensuring a seamless user experience.
- Ensured the responsiveness of applications across Desktops, Tablets, and Mobiles, through testing and optimization.
- Implemented **modular code architecture**, facilitating code reuse and scalability across multiple projects,used **React JS, Node JS.**
- **Skills:React JS, Node JS , MongoDB, Express JS,TDD with JEST.**

Senior Consultant | Capgemini Technology Services | Sep 2016 - Nov 2018

- Set up projects using **Webpack**, implementing **hot reload, optimized production builds, & code splitting** to enhance development efficiency and performance.
- Conducted **unit testing** using **Jasmine**, ensuring the reliability and quality of the codebase.
- Leveraged a **directive-based approach** to create a reusable **library, promoting code reuse** and maintainability across projects.
- optimization. Led the development of a tool for call center agents to assist customers in checking for fund transfers,used **React Js<Node Js.**
- **Skills:React JS, Node JS ,ExpressJS,TDD, JEST.**

Technical Lead | Three Pillar Global | Oct 2015 - Sep 2016

- Led the development of "The Pursuit," a **groundbreaking gaming console** that offers an immersive studio cycling experience, leveraging **HTML5, React JS, Redux, CSS3, and Node.js.**
- Spearheaded the development of "**Great Coin**," a revolutionary mobile platform for trading and investing in digital currency, utilizing **HTML5, React JS, CSS3, JSON, and Node.js.**
- Collaborated closely with cross-functional teams to ensure the successful execution of projects, meeting client requirements and deadlines. Ensured the scalability, performance, and security of applications, adhering to industry standards and best practices.
- **Skills:React JS, Node JS ,ExpressJS,TDD,JEST.**

Team Lead | Polaris Financial Technology | Jun 2014 - Sep 2015

- Led a team in the development of the **Back-Testing UI project**, a reporting and analysis tool for **Credit Suisse, utilizing JavaScript, HTML5, AngularJS, C#, CSS3, and .NET technologies, Node JS.**
- Managed the **end-to-end development lifecycle** of the **GUI project**, from requirement gathering to deployment and maintenance.
- Collaborated with stakeholders to understand project requirements and translate them into technical specifications, ensuring alignment with client expectations.
- Implemented best practices in software development, including **code reviews, testing, and documentation**, to ensure the quality and reliability of the application.
- **Skills:Angular JS, Node JS ,ExpressJS,C#, .NET,TDD.**

Senior Software Engineer | Pyramid IT Consulting | Nov 2013 - Jun 2014

- This NextGenFC Project is developed for Jack and Henry Associates, this application is a teller image capture deposit automation solution that maximizes the cost savings available through imaging while simultaneously improving branch efficiency **using JavaScript, HTML5,Angular JS, C#, TypeScript .NET , WCF,Node JS .**
- Implemented best practices in software development, including **code reviews, testing, and documentation**, to ensure the quality and reliability of the application.
- **Skills:Angular JS, Node JS ,ExpressJS,C#, .NET,TDD.**

Associate Software | Synechron Technologies | Aug 2011 - Nov 2013

- This Verizon Responsive Project was the system developed for Asurion which is the global leader in technology protection services using **JavaScript, HTML5,Angular JS, C#, and .NET , WCF, Node JS .**

Software Engineer | Orange Business Services | Mar 2011 - Aug 2011

- This application was the system developed in .net framework 3.0 utilizing **JavaScript, HTML, C#, and .NET technologies, SQL Server 2005 .**

Software Developer | OM Vision IT Services | June 2009 - March 2011

- This application was the system developed for selling prepaid mobile phone recharge vouchers through franchisee to distributor to retailers utilizing **JavaScript, HTML, C#, and .NET technologies, SQL Server 2005** .
- Implemented best practices in software development, including code reviews, testing, and documentation, to ensure the quality and reliability of the application.

Software Developer | Infogile Technologies | June 2008 – June 2009

- The FSV Portal was a e commerce portal to set the game league, utilizing **JavaScript, HTML, C#, and .NET technologies, SQL Server 2005**.

PROJECTS

- **Pricing PaySend and Visa Partner Configuration:** Developed a scheduler job to fetch currency data from PaySend and Visa APIs, enhancing data accuracy.
 - ➔ **Achievements:** *Reduced manual work for currency management, ensuring product accuracy. Implemented a serverless architecture with AWS Event Bridge and Fargate. Received "Wow Award" recognition for project excellence.*
- **Security Implementation Design and Architecture:** Implemented OKTA Authorization flow and AWS Lambda with API Gateway for enhanced security.
 - ➔ **Achievements:** *Improved UI performance post-migration to AWS CloudFront. Enhanced system security and reliability, reducing application costs. Introduced disaster recovery strategy and role-based authorization.*
 - ➔ **React Redux implementation UI Code Optimization:** Implemented Redux tool kit query.
 - ➔ **Achievements:** *Performance improvement by using the advanced Redux tool kit query.*

EDUCATION

- **Master of Computer Applications (MCA)** | Madan Mohan Malviya Engineering College | Jun 2007
- **Bachelor of Science (BSc.) in Mathematics** | D.S.B Campus | Jun 2002

CERTIFICATIONS

- AWS Certified Solutions Architect
- AWS Certified Cloud Practitioner