Sujeet Singh

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PROFESSIONAL EXPERIENCE

I am a highly skilled Senior Full Stack Engineer with over 5 years of experience specializing in developing modern web applications using React, Node, Next.js, and a diverse range of databases including PostgreSQL, MongoDB, and MSSQL. My expertise also extends to Backend development using technologies NestJS, Django, SpringBoot where I actively implement robust system architectures. I am well-versed in Test Driven Development (TDD) and Domain Driven Development (DDD), employing these methodologies to ensure the creation of high-quality web applications.

- **Lead Software Engineer** — March 2023 - Present

  Tirios — *Austin, Texas-Remote*

  Designing and Implemented scalable system architectures, ensuring long-term maintainability.

  Elevated website speed upto 80 percent and backend database efficiency, delivering an improved user experience.

  Managed AWS servers for deployment and continuous integration, optimizing performance across ECS,EC2, S3.

  Implemented test-driven development using technologies such as Jest and Cypress/react-testing-library, resulting in a clear 25 percent reduction in post-release bug reports.

  Integrated Stripe for secure payments feature and Docusign for document management, enhancing transactional efficiency.

  Guided junior engineers, fostering skill development, and collaborated across teams for streamlined project delivery.

- **Senior FullStack Engineer** — Sep 2021 - Sep 2023

  WebPoint Solutions, LLC — *Atlanta, Georgia- Remote*

  Implemented secure authentication and authorization using Amazon Cognito, enhancing user data protection.

  Implemented end-to-end testing with Cypress in React, ensuring robust and reliable web application functionality.

  Engineered and implemented a robust real-time chat system using web socket, fostering dynamic user engagement.

  Developed and integrated notifications system using websocket for real time notifications and RabbitMQ as queue system ensuring timely communication within the platform.

  Integrated Google fit and Apple Health APIs to extract user health data.

- **FullStack Engineer** — July 2020 - Aug 2021

  InfoDevelopers — *Sanepa-2 , Lalitpur*

  Implemented comprehensive unit testing in React using the React Testing Library, ensuring robust and error-free frontend components.

  Implemented a real-time chat system using socket technology, fostering dynamic user engagement.

  Designed and built a dynamic form system serving as a questionnaire platform, enhancing user interaction and data collection.

- **Software Developer** — June 2019 - July 2020

  Eydean — *Lazimpat*

  Built a camera application in React Native, focusing on a seamless and responsive user experience for an e-commerce platform.

  Developed REST APIs using Flask, ensuring efficient communication between the frontend and backend.

  Designed and implemented a robust database schema for an e-commerce site, optimizing data storage and retrieval.

SKILLS

- **Languages**: Javascript, TypeScript, NodeJs, Python, Java, PHP

- **Frontend Libraries and Framework** : React, ReactNative, Redux, react-query, css, tailwind, material-ui, Nextjs, Gatsby

- **Backend Libraries and Framework** :Express, Jest, Laravel, Mocha, NestJs, Flask, Django, SpringBoot, aws-sdk, stripe, firebase, docusign-sdk, amazon cognito

- **Testing Libraries**: Jest, Mocha, cypress, react-testing-library,

- **API Web Services**: REST, GraphQL

- **Other Technical Skills**: Docker, Kubernetes, Terraform ,CI/CD, AWS: EC2, ECS, EKS ,EBS, Lambda, S3, Amplify, MessageQueuing: RabbitMQ, Kafka, Microservices Patterns, SSO

PROJECTS

- **Tirios** :
  Live Site:- Tirios

- **Talentpoint (associated with Webpoint Solutions)**:
  Live Site:- Talentpoint

- **Lineage Journey** :
  Live Site:- Podcast, Timeline

- **Luminate** :
  Live Site:- Luminate,

- **CAD-Computer Aided Dispatcher** :
  System that helps police department for incident Registrations and dispatch the field units to locations and tracks unit real time locations and visualize in dashboard.

EDUCATION

- **St. Xavier's College**   Maitighar, Kathmandu
  Bachelors of Science in Computer Science and Information Technology   *2016 – 2020*

- **Kathmandu Model College**   Bagbazaar, Kathmandu
  +2 Science   *2014 – 2016*