Vinay
Senior Full Stack Developer
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Summary

Senior Full-Stack Developer with 3+ years of experience in building scalable, high-performance web applications. Expertise in **React.js**, **Node.js**, **Next.js**, and **AWS**, with a strong focus on **microservices architecture**, **RESTful APIs**, and **cloud-based solutions**. Proven ability to lead cross-functional teams, drive product innovation, and optimize development workflows. Successfully improved application performance through **CI/CD automation**, containerization with **Docker** and **Kubernetes**, and strategic use of cloud platforms like **AWS** and **GCP**. Adept at translating complex business requirements into technical solutions, enhancing security with **OAuth 2.0** and **JWT**, and delivering robust, user-friendly applications on time and within budget.

Skills

Category	Skills/Technologies
Frontend Development	React.js, Next.js, TypeScript, Redux, Tailwind CSS, HTML5, CSS3, JavaScript (ES6+)
Backend Development	Node.js, Express.js, Spring Boot, GraphQL, RESTful APIs, JWT, OAuth 2.0, Passport.js
Cloud & DevOps	AWS (EC2, S3, Lambda, RDS, CloudFormation), GCP (Cloud Functions, Cloud Storage, Big Query), Docker, Kubernetes, Jenkins, CircleCI, GitHub Actions, Terraform
Databases & Storage	SQL (MySQL, PostgreSQL, complex queries, optimization), NoSQL (MongoDB, Firebase, Redis), Graph Databases (Neo4j), Database Design, Performance Tuning
Testing & Automation	Jest, Mocha, Chai, Cypress, Selenium, Test-Driven Development (TDD)
Version Control & Collab	Git, GitHub, GitLab, Bitbucket, Jira, Trello, Slack, Microsoft Teams
Security	OWASP, AES, RSA encryption, JWT Authentication, OAuth 2.0

Experience

JPMorgan Chase & Co, Omaha, NE
Senior Full Stack Developer | Jul 2024 – Current
Roles and Responsibilities

- Developed scalable and high-performance web applications using **React.js** and **Node.js**, resulting in a **30% improvement** in application response times.
- Led the **end-to-end development** of secure finance applications using **Java (Spring Boot)** for backend services, ensuring regulatory compliance in the financial industry.
- Designed and built **responsive front-end dashboards** with **React, Angular**, and **TypeScript**, enabling real-time visualization of trading and risk data.
- Developed and optimized **RESTful and GraphQL APIs**, integrating with banking systems, payment gateways, and fraud detection services.
- Managed and optimized **SQL Server, Oracle**, and **PostgreSQL** databases, crafting complex queries, stored procedures, and transaction handling for large-scale financial datasets.
- Deployed and managed scalable **microservices** on **AWS** using **Docker** and **Kubernetes**, ensuring high availability and resilience for mission-critical platforms.

- Enhanced **data integrity and security** by implementing **OAuth 2.0**, **JWT authentication**, and encryption standards across all financial modules.
- Collaborated with **cross-functional teams** (business analysts, QA, and finance SMEs) to translate business requirements into technical solutions.
- Streamlined **CI/CD pipelines** with **Jenkins**, **GitLab**, and automated testing frameworks, improving release cycles while ensuring strict compliance with audit trails

Loyalty Juggernaut , Hyderabad, TG, India
Full Stack Developer |Mar 2021 – Dec 2022
Roles and Responsibilities

- Developed and maintained state-level **Healthcare applications** using **React.js** for the frontend and **Node.js** with **Express** for the backend, ensuring seamless integration with healthcare databases.
- Built and optimized **RESTful APIs**, integrating with existing **Electronic Health Record (EHR)** systems to enable **secure data exchange** between platforms.
- Designed and optimized **data models** using **MongoDB** and **PostgreSQL**, ensuring efficient storage and querying of patient records, appointments, and health data.
- Implemented **OAuth 2.0** and **JWT authentication** to secure access to sensitive health data, ensuring full **HIPAA compliance** and applying best practices in **data security**.
- Collaborated closely with **healthcare professionals** to gather requirements and translate complex healthcare workflows into **intuitive user interfaces** using **Angular** and **Vue.js**.
- Designed and deployed **cloud-based healthcare solutions** on **AWS**, optimizing for scalability, cost-efficiency, and high availability.
- Integrated **real-time communication features** like appointment notifications and alerts using **WebSockets** and **Socket.IO** is improving patient engagement and system responsiveness.

Hexaware Technologies, Hyderabad, TG, India
Junior Full Stack Developer | Jul 2020 - Feb 2021
Roles and Responsibilities

- Developed **customer-facing e-commerce platforms** using **React.js** and **Next.js**, ensuring fast, mobile-friendly, and responsive user interfaces for a seamless shopping experience.
- Built **backend services with Node.js and Express**, handling user authentication, order processing, inventory management, and integration with third-party payment providers (e.g., **Stripe**, **PayPal**).
- Implemented **RESTful APIs** for **product catalog management**, allowing for real-time inventory updates and customer-specific product recommendations.
- Designed and optimized **SQL (MySQL/PostgreSQL)** and **NoSQL (MongoDB)** databases to store customer data, product details, and purchase history, ensuring data consistency and performance.
- Integrated **shipping APIs** (e.g., **UPS**, **FedEx**) for real-time tracking and delivery status, offering customers a transparent and efficient order fulfillment process.
- Utilized **AWS S3** for image storage, **Cloud Front** for content delivery, and **EC2** instances for scalable hosting of e-commerce applications, ensuring high availability during peak shopping times.
- Collaborated with UX/UI designers and marketing teams to implement personalized promotions, discounts, and dynamic content, driving customer engagement and sales growth.

Education

- **Master of Science in Data Science**
  University of North Texas || Sep 2023 – Dec 2024
- **Bachelor of Technology in Computer Science**
  TKR College of Engineering and Technology, Hyderabad ||Jun 2017 – May 2021