UPSTAFF

Amrit Udasi
Junior Full-Stack Software Development Engineer | Research and Development Engineer

SUMMARY

The engineer is a proficient Full-Stack Developer and R&D Engineer with a core focus on cutting-edge technologies encompassing JavaScript, TypeScript, Python, SQL, and C++. They have demonstrated expertise in frameworks and technologies like NestJS, Node.js, React.js, Next.js, Blockchain, and Cosmos SDK, coupled with strong database skills in PostgreSQL, MySQL, Redis, and LevelDB. With extensive hands-on experience in DevOps & tooling such as Docker, Git, Linux, Prometheus, and Grafana, the engineer has successfully designed and developed high-availability full-stack applications. Their professional experience includes leading feature development to shorten time-to-market and significantly improving system performance and stability through strategic optimizations. The engineer's deep understanding of RESTful APIs, microservices architecture, and workflow orchestration underscores a commitment to technical excellence in software development practices. Notable achievements include architecting critical blockchain integrations and real-time data streaming functionalities for varied user-intensive platforms. Holding a B.Tech in Computer Science from Medicaps University with a notable academic record further anchors their theoretical understanding and practical application of software engineering principles, securing the foundation for continued professional growth and contribution to technology innovation.

TECHNICAL SKILLS

Main Technical Skills	JavaScript, TypeScript, Python, SQL, C/C++/C#
Programming Languages	JavaScript, Python, Temporal, TypeScript
C++ Libraries and Tools	C/C++/C#
AI & Machine Learning	OpenAI
Databases & Management Systems / ORM	leveldb, MySQL, PostgreSQL, Redis, SQL
Cloud Platforms, Services & Computing	Vast
SDK / API and Integrations	API

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Virtualization, Containers and Orchestration	Docker
Codecs & Media Containers	Ffmpeg
Version Control	Git
BlockChain and Decentralized Software	IPFS (InterPlanetary File System)
Operating Systems	Linux
QA, Test Automation, Security	Postman
Logging and Monitoring	Prometheus
Mail / Network Protocols / Data transfer	WebSockets
Other Technical Skills	InterPlanetary File System, Wasabi

WORK EXPERIENCE

Full-Stack Software Development Engineer & Research and Development Engineer, SafeMoon - NFT Marketplace Platform

Duration: Sept 2022 – Present

Summary: Developed comprehensive NFT marketplace enabling seamless minting, trading, and collection management for digital assets.

Responsibilities: Developed frontend and backend, implemented UI/UX design, integrated blockchain and smart contract functionality, managed IPFS for metadata and asset management, built backend services for user authentication, payment processing, and real-time notifications.

Technologies: Next.js, NestJS, PostgreSQL, IPFS, Web3 Integration

Full-Stack Software Development Engineer & Research and Development Engineer, Alfred.capital - Algorithmic Trading Platform

Duration: Sept 2022 – Present

Summary: Developed scalable full-stack trading application with real-time data streaming and robust API architecture.

Responsibilities: Developed backend and frontend for a trading application, designed API architecture, implemented WebSocket connections for real-time data streaming, facilitated cross-team collaboration.

Technologies: NestJS, React.js, PostgreSQL, Wasabi, RESTful APIs

Full-Stack Software Development Engineer & Research and Development Engineer, txt2create - AI Generative Platform

Duration: Sept 2022 – Present

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Summary: Built AI-powered content creation platform with integrations of advanced AI services for multimedia content.

Responsibilities: Developed user interface, managed workflow, integrated OpenAI APIs for text generation, implemented computer vision and custom ML models.

Technologies: React.js, NestJS, OpenAI APIs, FFmpeg

EDUCATION

- **B.Tech in Computer Science Engineering**
- CGPA: 8.5/10
- 2019 – 2023

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