

Jaini Shah

Los Angeles, CA | +1 (347)-283 8880 | jainishah1641@gmail.com | [LinkedIn](#) | [Github](#)

Software Engineer with 4+ years of experience in **UI/UX development, full-stack development, databases, and DevOps**. Skilled in **JavaScript, Python, React.js, Node.js, MySQL, MongoDB, Docker, and AWS**. Experienced in building **scalable web applications** and **microservices**, optimizing performance, and deploying cloud-based solutions with **CI/CD pipelines**.

EDUCATION

M.S., Computer Science

Loyola Marymount University, Los Angeles, United States

Jan 2023 - May 2025

GPA-3.74

Coursework: Artificial Intelligence, Data Science, Agile methodology, Database Systems, Program Language Semantics

B.E., Information Engineering

Gujarat Technological University, Ahmedabad, India

Aug 2018 - May 2022

GPA-3.70

Coursework: Object Oriented Programming, Web Programming, Mobile Application Development, Operating System and Virtualization, Data Structures and Algorithms

TECHNICAL SKILLS

- **Frontend Development**: React.js, Next.js, Vue.js, Angular, GraphQL, Tailwind, TypeScript, Lazy Loading, Figma
- **Backend Development**: Node.js, Express.js, Nest.js, FastAPI, Python, Sails.js, OAuth, JWT, Mocha, Jest, Nginx
- **Databases**: MySQL, PostgreSQL, MongoDB, SQLite, Firebase, Caching (Redis), Stored Procedures
- **Cloud & DevOps**: Docker, AWS (Lambda, S3, EC2), Git, Apache Kafka, Swagger, Azure, CI/CD (GitHub Actions), Heroku
- **Operating Systems**: Windows, Linux, Mac-OS

WORK EXPERIENCE

Software Developer, Information Technology Services, Loyola Marymount University, United States

May 2023 - May 2025

- Designed and developed internal applications for university using **React.js, Express.js, and MongoDB**.
- Led the migration of **Java** applications to **Node.js**, decreasing maintenance by **30%** and ensuring better scalability.
- Created and optimized **API architectures**, enhancing response times by 40% and ensuring secure communication using **JWT** and **Duo multi-factor authentication**.
- Provided technical support and troubleshooting assistance for university systems, ensuring smooth operations using **GitHub**.

Full-Stack Software Engineer, Shiv Infotech, Ahmedabad, India

Dec 2020 - Dec 2022

- Designed, developed and deployed multiple **full-stack applications** leveraging **Next.js, Angular, Node.js** and its framework, improving performance with **Lazy Loading** and **Webpack**.
- Implemented **RESTful APIs** with **OAuth, JWT** authentication, enhancing security and performance.
- Automated **CI/CD pipelines** operating GitHub Actions, automating deployment processes on **Heroku** and **AWS** (Lambda, S3, EC2), and containerizing services with **Docker** decreasing deployment failures.
- Improved database efficiency with **Stored Procedures** in MySQL and PostgreSQL, and optimized caching with **Redis** and **SQLite**, reducing query retrieval times by **50%**.
- Executed unit tests using **Mocha** and **Jest**, achieving 95% code coverage and ensuring quality code.
- Mentored a team of **10+ junior developers**, accelerating project delivery speed by **30%**.

PROJECT EXPERIENCE

AI-Powered Job Interview Simulation, Loyola Marymount University

Jan 2025 - May 2025

- Built an interview system that analyzes tone, speech, eye contact, and pronunciation to provide real-time interview feedback.
- Implemented **NLP (spacy)** based resume parsing, **OpenAI API** for generating interview questions and **MediaPipe** analysis efficiency by 85%.
- Integrated **Whisper API** for speech-to-text transcription and pytsx3 for text-to-speech synthesis.
- Engineered a **React.js** website with a **FastAPI (Python)** backend and **PostgreSQL**, deploying APIs on AWS Lambda.

Revenue-Based Financing System, ShivInfotech

Aug 2021 - Dec 2022

- Created a financing platform facilitating syndicate investments between businesses and investors, increasing investor participation by **42%**.
- Integrated a secure payment gateway **Stripe** for seamless transactions, improving payment processing efficiency by 30%.
- Designed using **NestJS** (TypeScript), **PostgreSQL**, and **Vue.js** for a robust and scalable system.
- Managed codebase using **GitHub** and followed **Agile** methodologies within a large development team.

Social Networking Platform, ShivInfotech

Mar 2021 - Aug 2021

- Developed a platform with user matching, real-time messaging, posts, and user engagement analytics.
- Utilized **NestJS** and **MySQL** for a secure and scalable architecture with **React**, **AWS S3** for media storage.
- Integrated real-time chat utilizing **WebSockets**, data privacy using **OAuth**, and documented APIs with **Swagger**.
- Enhanced performance through database indexing and query optimization, minimizing page load times by **30%**.