PAYAM DOWLATYARI
Full Stack Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer with 5+ years of experience building scalable, AI-powered applications in startup environments. Skilled in frontend and backend development, cloud infrastructure, and DevOps. Passionate about crafting user-centric solutions for real-world problems.

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER

Avalon AI, New York, NY | Apr 2024 – Present

- Gather requirements, identify adequate solutions, and translate them into technical specifications for the healthcare industry.
- Design platform architecture and provide direction on building end-to-end products optimized for speed and scale.
- Guide team members across the stack to ensure the delivery of high-quality features and a satisfactory user experience.
- Implement a fast and reliable search API for physicians.
- Conduct unit and end-to-end testing to ensure code quality and performance.

SOFTWARE ENGINEER

Ampliy AI, Palo Alto, CA | Dec 2020 – Nov 2023

- Built 100+ chatbot instances and user engagement plugins on various platforms, i.e., Facebook, Twitter, Twilio, etc.
- Delivered front-end solutions using JS frameworks like React, Svelte, etc.
- Proposed, designed, and implemented a toolkit to facilitate tailoring products based on clients' needs.
- Executed a smooth transition from basic authentication to MFA.
- Developed 200+ automated scripts, CI/CD pipelines, and services.
- Leveraged SQL/NoSQL databases to manage data storage and retrieval.

FRONTEND DEVELOPER

Freelance, Remote | Sep 2019 – Jan 2021, Nov 2023 – Apr 2024

- Create modern, interactive, and responsive landing pages and animated portfolios for professionals, influencers, and creators.
- Utilize optimization tools and best SEO practices to improve website visibility, performance, user experience, and security.

TECHNICAL SKILLS

FRONTEND

HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js, Vue.js, Svelte.js, Angular, Tailwind.css, Framer Motion, Three.js

BACKEND

Java, Python, Node.js, Bash, Express.js, Spring Boot, AWS (Lambda, API Gateway)

DATABASE

MySQL, MongoDB, Elasticsearch, AWS (OpenSearch, DynamoDB, PostgreSQL)

DEVOPS & OTHER

Git, GitHub, Jenkins, Docker, Jest, Playwright, Postman, AWS (CDK, CloudFormation, Step Functions, Amplify, Glue, Athena)

EDUCATION

UC IRVINE

B.S. Software Engineering
GPA: 3.5, ΣΑΠ Member | Class 2020

CERTIFICATION

CALTECH CTME

P.G. Full Stack Web Development
Sep 2021 – June 2022

PUBLICATION

Mapping and Taking Stock of the Personal Informatics Literature
ACM Journals | Dec 2020