Matthew Young

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SUMMARY

Dynamic Full-Stack Software Engineer Intern experienced in developing robust back-end systems with Node.js and Django, managing databases like PostgreSQL and MongoDB, and creating intuitive web and mobile interfaces using React.js and React Native. Proficient in Python and JavaScript.

EXPERIENCE

Software Engineer Intern
MiniMe Ai   **April 2024 - Present, Palo Alto, CA**

· Designed and implemented an AI chatbot data pipeline, incorporating transcription, web crawling, and data cleaning processes to ensure high-quality data for training product models.
· Collaborated within a small team to develop and test Python packages for internal use, increasing code reuse by 50% and enhancing software development efficiency through integrated functionality and streamlined workflows

Software Engineer Intern
Networky.ai   **October 2023 - April 2024 , Palo Alto, CA**

· Engineered a highly responsive and intuitive mobile site tailored for seamless networking on the go, resulting in a 20% increase in contact growth.
· Built AI Chatbot data pipeline including transcription, web crawling, and data cleaning ensuring clean data for training product model.
· Developed a bespoke product metrics dashboard utilizing SQL querying, delivering actionable marketing insights and driving user acquisition up 15%.
· Thoroughly documented the development lifecycle, architectural nuances, code structure, and deployment protocols to facilitate future reference and foster knowledge sharing among team members.

SKILLS

Technical Skills: JavaScript, Python, Django, Fast API, Docker, React.js, React Native, Node.js, Express.js, PostgreSQL, MongoDB, HTML, CSS, Git, Gitlab, Git, Heroku, Render, Streamlit,

Industry Knowledge: Agile Methodologies, Software Engineering, Algorithms, Unit Testing, Object-Oriented Programming, Data Analysis, Data Science

Interpersonal Skills: Teamwork, Communication, Problem solving, Adaptability, Quick Learning, Leadership

PROJECTS

Forge Fitness (Mobile App)
gitlab.com/forge-fitness · September 2023 - Present

· Leading a small team designing and developing a mobile-first Fitness accountability app helping people reach their fitness goals.
· Designed data model architecture for a MongoDB database for improved API response times up to 100ms.
· Implemented a RESTful API using Node.js to extract and update data in a MongoDB database.
· Implemented dynamic mobile UI to improve user signup flow using React Native.
· Conducted competitive analysis of market-leading alternatives to drive feature selection and product differentiation.

Paper Stonks
Hackreactor · gitlab.com/apex-legends1/paper-stonks · October 2022 - December 2022

· Developed a web-based mock stock trading application simulating investment portfolios and stock trading using real-time stock price data.
· Orchestrated the creation of a highly scalable and secure REST API powered by Fast API to facilitate seamless data access.
· Crafted engaging and interactive user interfaces using React.js, integrated with real-time stock data visualization through Chart.js.
· Spearheaded the implementation of Docker-based microservice architectures for efficient deployment and scalability.
· Developed GitLab CI/CD automation pipeline while leading a 5-member team to meet project goals.

EDUCATION

Software Engineering
Hack Reactor · San Francisco, CA · November 2022

Bachelor of Arts - BA, Economics
University of Washington · Seattle, WA · 2019
· Dean's List recognition for 7 quarters