SWETHA REDDY



EMPLOYMENT

Head of Engineering (Remote)

The Motley Fool

Jan 2013 - Present

- Led cross functional teams up to 30 developers, designers and UX researchers.
- Collaborated with BU leaders on product development and member retention strategies.
- Engineered migration of frontend apps to AWS to scale tech and teams and meet business requirements.
- Headed the unification of 45 product websites with new design while migrating from Django to SPAs. It was launched in 3 months and impacted over a million members and increased member retention by 10%.
- Spearheaded aggregation of 30+ APIs using GQL to reduce code redundancy, dependencies between various teams and increased security of IP. This decreased development time on all projects by a week.
- Hired 30+ developers and mentored future leaders.

Engineering Team Lead

- Managed multiple teams of developers and designers that headed product websites and mobile app.
- Collaborated with stakeholders on business requirements, deadlines, estimates and deliverables.
- Architected critical APIs for frontend development.
- Piloted building sites in Node, Vue and tailwind. Simultaneously championed UI component library to create common solutions and UI across various web systems.
- Mitigated downtime during certain high traffic days by using edge caching targeting certain processes.
- Encouraged and conducted code reviews to foster a collaborative team culture.
- Conducted regular one on ones and coaching on professional and career growth.

Software Engineer

- Streamlined the tech processes and refactored code for new product launches that reduced launch time from two weeks of team of four developers to two days of Product Manager.
- Built dashboard for members where they can manage their subscriptions.
- Built a custom server-side testing framework to enable multi variant testing.
- Migrated the flagship website which hosts content from over 25 years to Django from .Net. The site gets over a million sessions a month.
- Developed WordPress websites for The Motley Fool International sites.

Senior Full Stack Developer

Confluence

July 2010 - Jan 2013

- Built websites, templates, plugins primarily using open-source technologies for nonprofit organizations.
- Documented and trained staff on maintaining sites post launch.

Software Engineer, Intern

Infosys Technologies, India

Dec 2006 - June 2008

- Developed propriety financial software for banks.
- Created detailed design documents and wrote unit tests.

TECHNOLOGY AND SKILLS

Languages and Frameworks: Python, PHP, C#, JavaScript, Django, Node, Vue, React

Tools: Docker, AWS, Elastic, Material UI, Tailwind

Databases: PostgreSQL, Microsoft SQL Server, DynamoDB

Project Management: Agile, Scrum, Kanban

AWARDS

Leadership Award 2022 (The Motley Fool): Recognizing excellence in leadership.

EDUCATION

- M.S.E. in Information Management (2010), University of Maryland, College Park
- B.S.E. in Information Technology (2006), University of Mumbai, India