

Sri Pravan Paturi

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Work Experience

Amazon

SysDev Engineer II, (DEC 2021 - PRESENT)

- Added 70 new metrics to our in-house visualization dashboard improving our metric coverage to 98% of the requirement (Node.js, Typescript, Elasticsearch)
- Participated in the development of a row-level security API (Node.js, Typescript, Gremlin, AWS)
- Enhanced a table component with pivoting, compound metrics and created a GraphQL client for the same (React.js, Typescript)
- Mentored a full stack development intern and onboarded a senior frontend engineer.

SysDev Engineer I, (JUL 2020 - NOV 2021)

- Designed and developed a rule engine that filters Andon Cord data (Java, AWS)
- Designed and setup the AWS infrastructure for a visualization dashboard using infrastructure as code, i.e, AWS CDK (AWS, Typescript)
- Developed a visualization dashboard for year over year data analysis (Java, React.js, Plotly.js, Vis.js)
- Migrated the backend of our visualization dashboard from a self-hosted REST API to a GraphQL API (Java, Node.js, Typescript, SQL, AWS)
- Developed a bookmarking feature for our visualization dashboard. (Java, React.js, Typescript, SQL)
- Developed custom components like fieldset, a table with sorting, filtering, formatting, event handling etc. (React.js, Typescript)
- Initial frontend setup including infrastructure for a web visualization dashboard (React.js, Storybook.js, Typescript, AWS)
- Mentored 5 full stack development interns and onboarded a senior frontend engineer

Intern, (JUL 2019 - JUN 2020)

- Developed scripts for monitoring data consistency (Python)
- Developed the frontend and backend of a Master Data Management tool with a change based approval workflow (Spring, Java, jQuery, Javascript, HTML, CSS, SQL)
- Worked on a content decoration API for an in-house social media website with Amazon wide usage (Java)
- Built a data pipeline for handling social media data from a 3rd party API (Python, AWS, SQL)
- Infrastructure operational excellence (Shell, CS Fundamentals)

Vidcentum R&D

Summer Intern, (MAY 2019 - JUL 2019)

- Designed and set up a Graph Data Store with a CRUD API considering feasibility in IOT environments. (API Design, Shell)

Education

B.Tech in Computer Science, **Vardhaman College of Engineering** (AUG 2016 - SEP 2020)

Activities and Societies:

IEEE & IEEE CS Local Chapter Chairman, R&D Newsletter Editor, Programming Club

Technical Skills

Proficient in

Javascript, Typescript, Node.js, React.js, Java, Python, HTML, CSS, SQL

Comfortable with

PHP, Shell, Ruby, C, C++

Achievements

Best Presentation and Best Elevator Pitch, TiE Grad Business Idea Tournament (Mar 2019)

Outstanding Volunteer, IEEE Hyderabad Section (Dec 2018)

Projects

Likha: A flat file CMS with Markdown for content and directory structure for routing. (PHP)

Vayu: A pollution monitoring and alerting system (Python, AWS, PostgreSQL, Elasticsearch)

Vardhaman Bot: An FB chatbot that answers college student queries and had 600+ unique users, 15k+ replies. (Python, Azure, Docker)