Bhargav Nuligommu

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SKILLS SUMMARY

- **Languages**:   **JavaScript (ES5/ES6)**, Python, C, **Typescript**, C++, CSS, HTML, **JSON** and Yaml.
- **Frameworks**:   **Node.js**, Express.js, MongoDB, Vue.js, **React.js**, Flutter, Next.js, **Firebase**, GraphQL, MySQL
- **Tools**:   **Git**, GitLab, Postman, **AWS**, REST APIs, Linux, Material UI, **Docker**, Jira, Kubernetes, Azure
- **Skills**:   Front-end, **Agile**, Back-end, Unit testing, Micro-services, **CI/CD**, SCRUM, Kanban, **DevOps**

EXPERIENCE

Full Stack Software Developer - ProsumerGrid   New York, U.S.A
Full-Time   *June 2023 - Present*

- **Developed**: and designed scalable, distributed, low latency, and high throughput power grid management systems with continuous integration and deployment capabilities. Using React Js(typescript), Docker, AWS Lambda, Postgres SQL and .Net C# Framework as backend.

- **Deployed**: a total of 24 **Map Visualization features** into the PowerGrid, increased animation by **23%**. Designed platform and service architecture using enterprise integration patterns. Using MapBox Js and turf for power flow animations and calculations.

- **Optimized**: legacy code implementations - accelerated software performance by **20%**. Scaled products Typescript, React.js, **Redux**, Flux, esBuild, **Mongoose**, Docker.

Software Developer - United Health Services   New York, U.S.A
Full-time   *February 2022 - May 2023*

- **Developed**: and collaborated with a team of **5 people** and enriched existing system metrics by **19%**. Increased projected annual revenue by **$1.3 million** by implementing optimized business logic through code.

- **Built**: and led design, development, and maintenance of scalable and high-performance products **E2E** from identifying system requirements to software implementation, **testing**, and configuring metrics, alarms, monitors, and dashboards.

- **Deployed**: and integrated continuous integration and deployment pipeline **(CI/CD)**, performed **code review**, curated **documentation**, implemented load/stress testing, and **unit/integration/e2e** testing.

Software Engineer – Morgan Stanley   Mumbai, INDIA
Full-time   *June 2020 - January 2022*

- **Developed**: and designed an Automatic Analysis Tool in **C++ and Python**, improving testing case efficiency by **50%**, and Modern Logging Tools for over **1000** engineers.

- **Implemented**: Strategic memory allocation policies, reducing system **memory** usage by **15%**.

- **Enhanced**: Overall software performance by **50%** and improved **data parsing** speeds by **20%** and integrated continuous integration and deployment pipeline (CI/CD), performed code review, curated documentation, implemented load/stress **testing**, and unit/integration/e2e testing.

PROJECTS

Links to all projects are provided as hyperlinks.

- **Style Cart (Full Stack, Product) (link)**: (**User base of 2000+**) A Virtual shopping basket, enabling customers to browse through an online store, choose products and Shop! Tech: **Webpack**, Tailwind CSS, React, SCSS, Firebase, Firestore, Node, Express, OAuth, Stripe (May '23).

- **TechCrunch News (APIs, Automation) (link)**: Platform that automatically takes care of Latest Tech at your finger tip, while the user sips the morning green tea. Tech: **Redis**, React, SQL, **AWS lambda**, JavaScript and NPM (March '22).

- **API Gateway (API, Full stack)**: An API Gateway to manage requests for a microservices-based application, serving as a single-entry point. Tech: jQuery, Node.js, Express, React, JSON Web Tokens, Redis, Winston, Prometheus, Swagger, **AWS**, IAM, VPC, Test DrivenDevelopment (TDD), OAuth, Software Development Life Cycle (**SDLC**) (January '20).

- **Vendor Quote Tracking Application (Android, Product)(Paper)**: A software solution to managing Quote from vendors. Offers analytical, usage statistics, and reminders. Tech: **Android Studio**, Shell Scripting, **Firebase** and Firestore (Oct '19).

EDUCATION

Binghamton University (SUNY), Binghamton   New York, U.S.A
Master in Science - Computer Science (MSCS) – Thomas J. Watson college of engineering (CGPA 3.9) January 2022 - Present