PRASHANTH ANNAM

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EXPERIENCE

Associate Application Developer   **February 2023 - Present**
ADP | Alpharetta, Georgia, **USA**

- Transforming design mockups and wireframes into efficient and interactive user interfaces, adhering to UI/UX design practices.
- Revamping the existing codebase by introducing micro front-end architecture, resulting in a 30% reduction in reported bugs.
- Developing RESTful APIs using Java and Spring Boot with object-oriented design and enforced design patterns such as MVC and Singleton for better integrity and scalability.
- Employed Hibernate ORM for seamless interaction with Oracle relational databases, optimizing data access and manipulation.
- Maintaining a test-driven development (TDD) approach using JUnit and Mockito, increasing the code coverage by 25%.
- Tech Stack: **Angular.js, Stencil.js, Java, Spring Boot, Oracle, Jest, Fullstack, Bitbucket**

Application Developer Intern   **May 2022 - August 2022**
ADP | Alpharetta, Georgia, **USA**

- Designed and engineered a python tool dedicated to generating visualization reports from JVM Garbage Collector logs.
- Established an efficient process for extracting GC log files, cutting the manual effort from an hour to five minutes.
- Integrated the tool with AWS S3 and Concourse CI/CD pipeline for streamlined automation processes.
- Tech Stack: **Python, HTML, CSS, AWS S3, Concourse**

Software Engineer   **September 2020 - July 2021**
Tilace Technology | Chennai**, India**

- Designed and developed multiple modules in Customer Relationship Management and E-commerce applications.
- Developed APIs to integrate various modules among the applications and incorporated Google Cloud Platform functionalities.
- Engaged in client meetings to analyze requirements comprehensively and provide delivery estimations.
- Tech Stack: **Node.js, React.js, Golang, MYSQL, Flutter, Redis**

EDUCATION

Master of Science (M.S.) in Computer Science | GPA: 3.94 / 4.0   **August 2021 - December 2022**
Georgia State University | Atlanta, Georgia, **USA**

- **Relevant Courses:** Advanced Software Engineering, Machine Learning, Web Programming, Deep Learning, Advanced Database Systems, Mobile App Development, Cryptography

Bachelor of Technology (B.Tech.) in Computer Science | GPA: 9.09 / 10.0   **August 2016 - September 2020**
Gokaraju Rangaraju Institute of Engineering & Technology (JNTUH) | Hyderabad, Telangana, **India**

- **Relevant Courses:** Artificial Intelligence and Neural Networks, Data Structures, Information Retrieval Systems, Computer Networks, Information Security, Human-Computer Interaction, Design and Analysis of Algorithms.

TECHNICAL SKILLS

Programming & DB:	**Javascript**, Typescript, **Python**, Dart, Golang, **Java**, C/C++, **MySQL**, **Oracle,** Data Structures, Firestore
Front/Backend Dev:	**Angular.js, Stencil.js**, **React.js**, Vue.js, **Node.js, HTML**, **CSS**, **Flutter**, Django, Express.js, Gin
Tools:	**Git**, **AWS**, GCP, **Unix**, Docker, **Bitbucket**

PROJECTS

Social Media Application | Technologies Used: Vue.js, Vuetify, Firebase, Heroku   **Fall 2021**
Designed, developed, and deployed a scalable social media web application, showcasing adept system design. Applied intricate features including email authentication, content posting, and sharing, real-time chatting, as well as liking and commenting.

Chatting Mobile App | Technologies Used: Flutter, Firebase   **Summer 2020**
Engineered a mobile chat application enabling real-time conversations with read receipts and push notifications. Utilized Firebase streams for seamless data retrieval and display, enhancing the user experience.

Detecting Helmet Violators in Traffic | Technologies Used: YOLO, OCR, TensorFlow, Django   **Fall 2019**
Designed a web application utilizing computer vision to detect helmetless riders in Indian traffic footage, achieving 85% accuracy. Integrated an Optical Character Recognition module to extract license plate numbers from bike images.

OTHER EXPERIENCES & REWARDS

- Awarded 100% tuition waiver during my Master's, based on merit and previous experience.
- Worked as Teaching Assistant for CSC 4350: **Software Engineering** and CSC 2720: **Data Structures.**

CERTIFICATIONS

- "**Flutter & Dart - The Complete Guide**" by Udemy.   **09/2022**
- "**Python**" from Indian Institute of Technology, Bombay.   **02/2021**
- "**Database Design**" and "**Database Programming**" from Oracle.   **03/2020**