Jayesh Chaudhary

415-319-0757 | jayesh.chaudhary451@gmail.com | linkedin.com/in/jayeshch | github.com/jaych415

EDUCATION

University of California, Merced   Merced, CA
Bachelor of Science in Computer Science and Engineering   *Expected May 2027*
- Cumulative GPA: 3.9/4.0; Chancellors list 2023-2024
- Relevant coursework: Discrete Mathematics (Python), Data Structures (C++), Intro to Programming (C++), Advanced Programming (C++), Computer Organization (C) and Assembly Language, Algorithm Design and Analysis, Image Processing

EXPERIENCE

UCM School of Engineering   Aug. 2024 – Dec. 2024
Instructional Learning Assistant (EE 021)   *Merced, CA*
- Conducted review sessions and provided one-on-one assistance to students, enhancing understanding of core electrical engineering concepts and improving overall course performance.
- Assisted in developing instructional materials and labs, ensuring alignment with course objectives and promoting hands-on learning experiences.

San Bruno Community Center   Sep. 2018 – Aug. 2023
Full Stack Web Developer   *San Bruno, CA*
- Created responsive and interactive user interfaces using HTML, CSS, JavaScript, and frameworks like React and Vue.js, ensuring cross-browser compatibility and a smooth user experience.
- Conducted performance tuning and optimization, employing techniques such as lazy loading, code splitting, and caching to improve application speed and responsiveness.

San Francisco Recreation and Parks   June 2023 - Aug. 2023
Aquatics Assistant/Customer Service   *San Francisco, CA*
- Created responsive and interactive user interfaces using HTML, CSS, JavaScript, and frameworks like React and Vue.js, ensuring cross-browser compatibility and a smooth user experience.

Freelance App Developer   May 2019 – July 2019
Developer   *San Francisco, CA*
- Developed cross-platform mobile applications using frameworks such as React Native and Flutter, enabling clients to reach a wider audience with a single codebase.
- Collaborated with clients to design intuitive user interfaces and seamless user experiences, employing tools like Sketch, Figma, and Adobe XD to create wireframes and prototypes.
- Conducted thorough testing and quality assurance to identify and fix bugs, optimize performance, and ensure compatibility across different devices and operating systems.

PROJECTS

HealthyUC | *Python, React, Flask, Celery, Redis*   Aug 2023 – Present
- 1st Place Winner in Health and Wellness. Designed and developed the front-end of a mobile app using React Native.
- Proposed the implementation of a notification system and integration of generative AI to suggest healthy meal alternatives, with the goal of expanding the app to all UC campuses.
- Used Celery and Redis for asynchronous tasks.

Lure | *Java, Maven, TravisCI, Git*   Aug 2023 – Oct 2023
- HackMerced full-stack project developed using advanced risk assessment technology and AI to detect malicious sites. Downloadable as extension on various web browsers.
- Implemented continuous delivery using TravisCI to build the plugin upon new a release.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: Pandas, NumPy, Matplotlib