

Sachin Prasad

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EDUCATION

California State University, Chico
Master of Science – Computer Science

Dec 2023

Visvesvaraya Technological University, Bengaluru
Bachelor of Engineering – Information Science

July 2020

EXPERIENCE

Front End Developer – Dwaipayana Technologies Ltd. Bengaluru, India

Dec 2020 – June 2021

- Developed engaging user interfaces in React and Redux focusing on User experience and aesthetics.
- Implemented UI/UX designs, ensuring optimal responsiveness with CSS / Bootstrap.
- Experienced with CI/CD pipelines, delivering high-quality code efficiently.
- Contributed to code reviews, bug fixing, testing and performance optimization.
- Collaborated with cross-functional teams to drive efficient application development for timely project delivery.

Software Engineer Intern – Dwaipayana Technologies Ltd. Bengaluru, India

July 2019 – Sept 2019

- Collaborated with a team to design and develop a backend using Django framework.
- Conducted code reviews and resolved bugs and performance issues.
- Participated in daily stand-ups, sprint planning meetings, and retrospectives.
- Contributed to unit and integration tests to ensure code quality.
- Worked with the team to implement continuous integration and deployment using AWS.

PROJECTS

Inventory Management System – CSCI 630 (CSU Chico)

Jan 2023 – June 2023

- Developed an inventory system using React for the front end and Java Spring Boot for the back end.
- Demonstrated skills in RESTful API design, agile methodologies, and CI/CD implementation.
- Managed MySQL and deployed on AWS with EC2 instances and S3 buckets.

Blogging Website – CSCI 620 (CSU Chico)

Jan 2022 – June 2022

- Engineered a comprehensive full-stack blogging platform using Django-Python, featuring advanced capabilities such as category filtering, post liking, and commenting functionality.
- Incorporated a dedicated admin panel for meticulous post oversight and comment administration.
- Acquired valuable expertise in web development, robust database management, and intricate Django-Python frameworks.

Text File Compression using LZW Algorithm – File Systems (VTU)

Aug 2018 – Dec 2018

- Implemented a Java-based text file compression and decompression tool, achieving 40% compression by converting text to hex values.
- Gained experience in Java programming, file handling, and compression algorithms.

SKILLS

- **Languages:** Python, JavaScript, Typescript, Java, C++, HTML, CSS, PHP, Dart.
- **Frameworks:** React, Node JS, Express, Django, Flutter.
- **Databases:** SQL, MongoDB, Firebase.
- **Tools:** Docker, Linux, Git, GitHub, OOP, AWS, GCP, CI/CD pipelines.