Sachin Satish Prasad

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EDUCATION

Aug 2021 - Present	**Masters in Computer Science**, California State University, Chico, CA
Aug 2016 - July 2020	**Bachelor of Engineering, Information Science**, Jyothi Institute of Technology.

Related Coursework :

Data Structures and Algorithms, Software Design and Maintenance, Web Development using Python Django, Mobile Application Development using Flutter, Database Development, Applied Machine Learning.

SKILLS

- Languages :   Python, Java, C++, JavaScript, Dart, HTML, CSS, PHP.
- Frameworks :   Spring Boot, Django, React, NodeJS, Express, Flutter.
- Databases :   SQL, SQL server,Oracle DB, MongoDB, Firebase.
- Tools :   Docker, Linux, Git, GitHub, Object Oriented programming, AWS, GCP.

EXPERIENCE

Software Developer, Dwaipayana Technologies – Bengaluru, India.   Dec 2020 – June 2021

- Collaborated with a team to design and develop a new feature using Spring Boot 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: Developed a full-stack inventory management system using Java Spring Boot framework, including a MySQL database. Implemented agile development principles and RESTful API design, while gaining practical experience in database management and cloud deployment. Deployed the system on AWS, utilizing EC2 instances, S3 buckets.

- Text File Compression using LZW algorithm: 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.

- Digital Doctor **:** Created a voice-enabled chatbot using a decision tree algorithm to predict and recommend treatments for minor illnesses or specialists for more serious conditions. Gained experience in chatbot development, decision tree algorithms, and natural language processing techniques.

- Instagram Clone: Developed an Instagram clone app using Flutter, replicating core features such as account creation, photo sharing, liking, and following. Focused on creating an intuitive and visually appealing interface, optimized for seamless user experience. Utilized Flutter's tools for scalability and responsiveness, running on both iOS and Android devices.

- Blogging website: Developed a full-stack blogging website using Django-Python, with category filtering, post liking, and commenting features. Included a separate admin panel for post monitoring and comment management. Gained experience in web development and database management, as well as advanced Django-Python frameworks.