

Kedar Prabhakar Dhere

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EDUCATION

- Oregon State University** Oregon, USA
 - Master of Computer Science; GPA: 3.79* *Sep 2021 - Jun 2023 (Expected)*
 - Courses: Software Engineering Methods, Database Management Systems, Parallel Programming, Cloud Application Development, Analysis of Algorithms, Computer Architecture, Human-Computer Interaction*
- Savitribai Phule Pune University** Pune, India
 - Bachelor of Engineering: Electronics & Telecommunication* *Jul 2013 - Jun 2017*

SKILLS SUMMARY

- Programming Languages** Python3, JavaScript, C++, Swift(iOS), SAP ABAP, JAVA
- Web Development** NodeJS, React, HTML5, CSS, REST API, OData
- Databases, Tools, and Frameworks** MySQL, MongoDB, XCode, Docker, Git, GitHub, SwaggerUI, Figma, SAP CAI
- Certifications** AWS Developer Associate

EXPERIENCE

- Oregon State University** Corvallis, Oregon
 - Graduate Teaching Assistant* *Sep 2021 - Present*
 - Tutored 60 students in backend verification and validation, debugging, Black Box, White Box, and Test-Driven Development using Python. Guided students in understanding code reviews, CI/CD pipelines, and GitHub Actions.
 - Evaluated the performance of 60 students and gave weekly feedback on their coursework, class projects, and quizzes.
- Accenture** Pune, India
 - Software Engineer (Full-time)* *Dec 2019 - Jul 2021*
 - Revamped and optimized existing backend codebase, which improved the CRM web UI performance resulting from reduced average call handling time of the Customer representative, saving \$110,000 annually.
 - Led a team of three to identify and fix middleware issues, uncovering and resolving the root cause and replicating 90% of stuck middleware queues, helping business to maintain data integrity.
 - Utilized skills in MVC architecture to analyze and convert client inputs into architecture, developing new components and views and creating navigation links. Coded function modules, Reports, and corn jobs to satisfy client requirements.
 - Facilitated data transfer between components to ensure the seamless functioning of the MVC architecture.
 - Administered a session for the Delivery Unit of 200 members on the emerging technologies in SAP Conversational AI.
 - Awarded the prestigious Tech Star Award by Accenture, recognizing high-performing Analysts and Developers.
- Accenture** Pune, India
 - Associate Software Engineer (Full-time)* *Oct 2017 - Nov 2019*
 - Developed and maintained a CRM user interface and its backend for a North American utility client with a customer base of about 1 million in collaboration with a 12-person Agile software development team.
 - Delivered 30+ objects, including function modules, reports, and APIs, and fixed bugs in the client environment.
 - Optimized web services integrated with SAP backend proxy to create an omnichannel user experience using REST APIs.
 - Reduced human effort by 90% by automating the monitoring of middleware data queues by writing a script in ABAP (Advanced Business Application Programming Language).
 - Coordinated with clients and third parties during different phases of SDLC -requirement gathering, design, discussions, development, integration testing, and User Acceptance Testing.
 - Implemented a chatbot for the Utility industry with SAP Conversational AI and Odata service integration.

PROJECTS

- Flow Magic (Web Portal, iOS Application, Server side implementation) [GitHub]** *Sep 2023 - Ongoing*
 - Developing a React-based web portal that allows for modifying the screen flow of mobile apps from the web portal without the need to release a new executable. The project aims to achieve cost savings in development, expedite time to market, and facilitate A/B testing.
 - Implemented the SDK in SwiftUI, utilized the MVVM architectural pattern and the Factory method design pattern to fetch data from the server built in Node.js.
- Hotel Website (HTML5, CSS) [GitHub]** *Mar 2023 - Mar 2023*
 - Structured the website by utilizing HTML5 semantics including header, nav, section, aside, and footer.
 - Implemented CSS to apply visual styles to the HTML structure, such as color selection, font choice, button styling, layout configuration, navbar design, form styling, float properties, and border and background personalization.
- Tarpaulin (REST API, backend, Docker, Authorization, Authentication) [GitHub]** *Mar 2022 - Jun 2022*
 - Designed and built the backend for a lightweight course management portal. It allows instructors to create assignments for their courses and students to submit solutions to those assignments.
 - Designed and implemented a RESTful API with a Node.js/Express stack and MongoDB to store application data.
 - Implemented JWT token-based authentication and containerized the application using Docker.
- Moving Car (C++, OpenGL) [GitHub]** *Jul 2022 - Dec 2022*
 - Developed a C++ program that creates an automobile animation scenario using OpenGL.
 - Utilized the Computer Graphics pipeline, I manipulated the scaling and rotation of various .obj images, such as road, car, bridge, and brick, while also implementing per-fragment lighting, generating dynamic computer animations that employed time as a variable.