

Kedar Prabhakar Dhere

(541) 250-7851 | dherek@oregonstate.edu | in/kedar-dhere | [github/KedarDhere](https://github.com/KedarDhere)

EDUCATION

- Oregon State University** Corvallis, OR
 - Master of Science in Computer Science; GPA: 3.79/4.00* *Sep 2021 - Jun 2023**
 - 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 in Electronics & Telecommunication ; GPA: 3.70/4.00* *Jul 2013 - Jun 2017*

EXPERIENCE

- Oregon State University** Corvallis, OR
 - Graduate Teaching Assistant* *Sep 2021 - Present*
 - Tutored over 60 students on test-driven software development, black box and white box testing using Python3.
 - Provided students with effective and actionable feedback weekly on assignments and projects
- Accenture** Pune, India
 - Software Engineer* *Dec 2019 - Jul 2021*
 - Saved \$110,000 per annum by improving the CRM web dashboard's performance. This revamping of backend services also resulted in a reduction of the average phone call handling time by the customer representatives
 - Led a team of three to root cause over 90% of ongoing middleware issues, thereby maintaining high data integrity
 - Designed and developed various modules and batch reports by accurately capturing customer requirements
 - Applied MVC architecture to create high-quality and testable web dashboards
 - Conducted a hands-on session on emerging technologies in SAP Conversational AI, attended by 200 members
 - Awarded the prestigious "Tech Star" award by Accenture, recognizing high-performing analysts and developers
- Accenture** Pune, India
 - Associate Software Engineer* *Oct 2017 - Nov 2019*
 - Created and maintained a CRM user interface and its backend services for a North American utility client with a customer base of about 1 million in collaboration with a 12-person Agile software development team
 - Deployed 30+ functional modules, reports, and APIs
 - 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

PROJECTS

- Flow Magic** (*iOS Application, NodeJS, React*) *Sep 2023 - Ongoing*
 - An end-to-end design and implementation of iOS native SDK and web dashboard to seamlessly allow for updating the screen flow in mobile apps without the need to release a new executable
 - The project aims to provide more control during new feature deployment, mitigate downtime, facilitate A/B testing, and expedite time to market
 - The SDK exposes its factory methods for seamless integration. Both the components are developed using MVVM architectural pattern, and the backend is powered by NodeJS
- Helping Hands** (*User study, HCI, Figma*) *Jan 2023 - Mar 2023*
 - Prototyped a mobile application design "Helping Hands" to connect people with NGOs for collaboration and easy contribution
 - Accomplished a user-centered design following the PRICPE design process, which involves user research, identifying user needs, creating solutions, and testing concepts and prototypes
- Tarpaulin** (*MERN, RESTful APIs, Docker, Authentication*) *Mar 2022 - Jun 2022*
 - Developed backend services for a lightweight course management system that allows instructors to create and manage their courses and students
 - The RESTful APIs are implemented using MERN stack and are protected using JWT token-based authentication. The backend services are containerized and deployed using Docker
- AutoMotion** (*C++, OpenGL*) *Jul 2022 - Dec 2022*
 - Rendered an animated automobile scene using OpenGL SDK using C++
 - The scene involves manipulating, scaling, and rotating various objects while also implementing per-fragment lighting. By leveraging time as a variable, the program creates dynamic animations that bring the scene to life

SKILLS SUMMARY

- Programming Languages** Python3, JavaScript, C++, Swift(iOS), SAP ABAP, Java8
- Web Frameworks** NodeJS, React, RESTful APIs, Odata
- Databases, Tools, and Frameworks** MySQL, MongoDB, Git, XCode, Docker, Swagger, Figma, SAP CAI
- Certifications** AWS Developer Associate