Kedar Prabhakar Dhere

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EDUCATION

Oregon State University — Corvallis, OR
Master of Science in Computer Science; GPA: 3.79/4.00 — *Sep 2021 - Expected 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 60+ students in Python, covering backend aspects such as verification, validation, Black Box, White Box, and Test-Driven Development methodologies, while also guiding through code reviews and CI/CD pipeline integration
- 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. Revamping backend services resulted in decreased average call handling time for customer representatives
- Led a team of three to root cause over 90% of ongoing middleware issues, thereby maintaining high data integrity
- Designed and deployed 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 prestigious "Tech Star" award by Accenture, recognizing high-performing analysts and developers

Accenture — Pune, India
Associate Software Engineer — *Oct 2017 - Nov 2019*
- Collaborated with a 12-person team to built and maintain a CRM user interface for a North American utility client, serving approximately 1 million customers
- Deployed 30+ functional modules, reports, and APIs
- Optimized web services integrated with SAP backend to establish an omnichannel user experience through REST APIs
- Reduced manual effort by 90% by automating middleware data queue monitoring using ABAP scripts
- 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 2022 - Ongoing*
  - Engineered a Full Stack solution with an iOS native SDK and web dashboard, facilitating effortless screen flow updates in mobile apps without necessitating new executable releases
  - Architected an iOS SDK featuring factory methods for effortless integration, constructed applying the MVVM pattern, and backed by a NodeJS-driven backend
  - Implemented a dynamic Web Portal employing React, leveraging the React-Flow package to provide users with intuitive drag and drop functionality

- **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 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 course management system, enabling instructors to set up, manage courses and students
  - Utilized MERN stack to construct RESTful APIs, secured with JWT token-based authentication, and containerized backend services for deployment via Docker

- **AutoMotion** *(C++, OpenGL)* — *Jul 2022 - Dec 2022*
  - Rendered an animated automobile scene using OpenGL and C++
  - Executed object manipulation, scaling, and rotation along with per-fragment lighting in a scene, utilizing time as a variable to produce dynamic animations that invigorate the scene

SKILLS SUMMARY

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