

AMOGH MAHESHCHANDRA BHABAL

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LinkedIn Profile

GitHub Profile

SUMMARY

Experienced in designing and developing user-friendly web platforms, enhancing user experiences, and optimizing system performance. Seeking opportunities to apply and expand my technical skills in software development.

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Engineer

Apr 2024 – Present

Ona Care Technologies Inc.

- Currently involved in the development of a new B2B service that serves the Caregiving Industry.
- Handling the project end-to-end, including business requirement gathering, feature documentation, system design, and coding phases.
- **Technologies:** PHP, Yii2 framework, AWS, MySQL, JavaScript, CSS, HTML

Software Engineer

Jun 2023 – Dec 2023

Intuites LLC

- Developed dynamic visualizations of intricate client data, offering valuable insights for the company's internal analysis and decision-making processes.
- Utilized Python's Pandas library in conjunction with SQLAlchemy to extract and analyze large sets of employee data from a MySQL database.
- Employed Google Colab for its collaborative Jupyter notebook environment, allowing for seamless data analysis and sharing within the team.
- Visualized complex customer data using Matplotlib and Plotly, creating dynamic charts and graphs that enhanced understanding.
- **Technologies:** Python, MySQL, Pandas, Google Colab

Software Engineer

May 2021 – Feb 2023

Ona Care Technologies Inc.

- Led development efforts on a web platform connecting families and caregivers, delivering a responsive and user-friendly experience for elderly clients.
- Successfully implemented Mixpanel Analytics on both the company's iOS app and web platform, enabling the company to track user behavior and make data-driven decisions to improve the product experience.
- Developed a user deletion feature to the platform, allowing users to delete their accounts in a simple and secure way, enhancing the platform's privacy and data management.
- Built several APIs that increased communication and booking management between clients and caregivers, helping to streamline operations and improve the user experience.
- Created CronJobs that leverage Stripe APIs to automate charges for clients and payments for caregivers on a weekly basis.
- Identified and resolved critical performance issues in the platform by optimizing system processes and removing database queries that were inefficient, improving the site's overall performance and ensuring uninterrupted service for users.
- **Technologies:** PHP, Yii2 framework, iOS, Swift, Stripe API, Mixpanel API, AWS, MySQL, JavaScript, CSS, HTML

Software Engineer Intern

Jul 2020 – May 2021

Sensagrate

- Played a key role in the development of the Sensavision project, starting with the implementation of a Proof of Concept (POC) feature that tracked pedestrians and vehicles on a map, providing valuable insights for surveillance agents investigating traffic events.
- Designed, developed, and integrated REST APIs for additional visualization features, such as various graphs, enhancing the platform's functionality and enabling users to better analyze and interpret data.
- **Technologies:** React (Front-End), Node.js and Express.js (Back-End), Azure (cloud), GCP (API services), Python, JavaScript, NoSQL, Agile, Scrum

EDUCATION

Master of Science – Computer Science

Arizona State University, Tempe, Arizona

Aug 2018 – May 2020

GPA 3.81 / 4.0

Bachelor of Engineering in Computer Engineering

K.J. Somaiya College of Engineering, Vidyavihar

Jul 2013 – Jun 2017

GPA 7.5 / 10

TECHNICAL SKILLS & RELEVANT COURSES

Languages: Java, JavaScript, PHP, Python, SQL, HTML, CSS

Web Frameworks and libraries: Node.js, Express.js, React.js, D3.js, Yii2

Development Environments: Eclipse, VSCode, PhpStorm, Xcode

Database systems and tools: MySQL, CosmosDB, Amazon RDS

Other Technologies: Google Colab, Azure, Amazon Web Services (AWS), Google Cloud Platform (GCP), JIRA, XML, JSON