

Mahesh Jamdade

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EDUCATION

University of Massachusetts Dartmouth

Master of Science in Computer Science **3.58/4.0 GPA**

North Dartmouth, MA

Sep 2022 – Aug 2024

Swami Ramanand Teerth Marathwada University

Bachelors in Computer Science and Engineering **3.4/4.0 GPA**

Nanded, India

Jun. 2015 – Jul 2019

TECHNICAL SKILLS

Languages: Typescript, JavaScript, HTML/CSS, Python, Dart

Frameworks: ReactJS, NodeJS, NextJS, TailwindCSS, Spring Boot

Developer Tools: Git, Docker, Figma, AWS, Google Cloud

Database: PostgreSQL SQL, MongoDB, Firebase

EXPERIENCE

CIS Graduate Research Assistant

University of Massachusetts Dartmouth

Jan 2024 – July 2024

North Dartmouth, MA

- Engaged in fine-tuning Large language models gemma-2b-it, to enhance secure code generation capabilities, significantly improving the precision and security of generated code.

Software Engineer Intern

Building Assure PBC

Sept 2023 – Dec 2023

Boston, MA

- Engineered a robust REST API using Node.js, achieving a 20% reduction in response times and increased scalability.
- Built a SAAS web app using ReactJS and NodeJS with PostgreSQL for utility bills management, resulting in a 30% reduction in processing time and a 20% increase in user productivity measured using
- Implemented offline access and data sync functionality, resulting in a 40% decrease in data loss incidents during connectivity issues and a 25% increase in user engagement metrics.

Open Source Engineer

Codemagic

Jun. 2021 – Aug 2022

Tartu, Estonia (Remote)

- Collaborated with the Flutter team to prioritize and resolve critical issues, enriching framework stability and UX.
- Validated, labeled, and categorized a weekly influx of 400 bugs, ensuring efficient issue resolution.
- Created reproducible code samples, contributed PRs, identified regressions, enhancing overall Framework quality.

Associate Software Engineer

Codemonk

Aug 2020 – Jun 2021

Bangalore, India

- Led the development of a high-impact enterprise mobile app, which caters to over 10,000 daily active users.
- Contributed to a 30% year-over-year revenue growth through the successful deployment of mobile applications.
- Crafted microservices fostering loose coupling, autonomous deployment, and improving system scalability by 20%.

Mobile Developer

Altorum Leren Private Ltd

Jul 2019 – Aug 2020

Bangalore, India

- Shipped an organic food delivery app to Playstore and Appstore, with over 5,000 daily active users.
- Implemented custom real-time data synchronization with an online data store in a Fleet management App, achieving a 40% reduction in data retrieval latency, and Contributed to developing REST APIs using Node.js
- Assisted in developing automation tools that boosted developer productivity by more than 20%.

PROJECTS

Pastelog: Logs Sharing tool | NextJs, Typescript, TailwindCSS, Firestore, Firebase Functions

- Created a Notes sharing web application [Pastelog](#) with a custom built notes editor and standard Keyboard Shortcuts that allows sharing rich content notes/logs across the web seamlessly powered by Gemini API.

Github Freak: Tool to analyze github contributions | React, Typescript, TailwindCSS, Github API

- Created a Web application [Github Freak](#) to visualize a Github user's Contributions, The tool also allows exporting users last 5 year contribution chart as an image.