

Gavin D'mello

Software Engineer

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EDUCATION

Masters in Computer Science

Expected May 2023

University of Massachusetts, Dartmouth, Massachusetts, USA

GPA: 4.0

Relevant Coursework - Web Development, Algorithms and Complexities, Software System Design, User Interface Design

Bachelor in Computer Science and Engineering

May 2019

Don Bosco Institute of Technology, Kurla, Maharashtra, India

GPA: 3.5

Relevant Coursework - Data Structures, Analysis of Algorithms, Distributed Database, Mobile Development, Software Engineering

SKILLS

Languages	JavaScript, TypeScript, SQL, Java, Kotlin, XML, HTML, CSS, Python, SCSS, NoSQL, C, C++
Frameworks	React, React Native, Redux, RESTful APIs, Angular, NodeJS, MongoDB, Express.js, Flutter, React Hooks, NestJs
Tools & Services	Firebase, AWS SNS, GitHub, Linear, G-suite, Notion, Mongo Atlas, Android Studio, VSCode, Docker, Jest
Hard skills	Rapid Prototyping, UI/UX design, Agile Development, Unit Testing, SCRUM, Data structures and algorithms, MVC
Soft skills	Strong communication, problem-solving, belief in teamwork, self-learning, attention to detail, and well-organized

EXPERIENCE

Mobile Engineer

March 2021 - August 2021

GetSetUp (a US-based Sister company of Zaya Learning Labs)

Mumbai, India

Tech Stack - React, SCSS, MongoDB, GraphQL, React-Native, GitHub, Node.js, AWS SNS, TypeScript, JS, Express.js

- Delivered features such as class booking, reviewer for notes and recordings, FB and OTP-based mobile phone verification, AWS + Firebase push notification, and messaging for GetSetUp's mobile front, enticing over 10k+ new users and over 500 new guides.
- Implemented proxy endpoints in GraphQL for APIs in LMS & CMS to improve access to APIs across three different frontend apps.
- Built and deployed the first three versions of GetSetUp's mobile app on the PlayStore for Android and AppStore for IOS users.

Software Development Engineer

July 2019 - February 2021

Zaya Learning Labs

Mumbai, India

Tech Stack - JavaScript, SQL, CSS, Java, React, React Native, GitHub, AWS, Flutter, Native Scripts, G-suite, JIRA

- Channeled requirements shared by three high-profile clients into interactive React-Native mobile and React web applications.
- Re-engineered existing solutions by incorporating better algorithms, thereby reducing the processing time by 25%.
- Fulfilled the tasks of developing, evaluating, and deploying a mobile application for Gateway School of Mumbai to improve the efficiency of the existing assessment system by 60% and empower Foundational Literacy Skills for all children in India.
- Recommended ideas for improving the productivity to upper management and, upon approval, introduced those ideas to the team, which over a short duration showed an increase in the productivity of developing applications and team communication by 30%.

PROJECTS

Blogica - A crowdsourcing website for writers, to create content and share them as articles for their readers and/or for new users looking to learn and gain insights from these articles. This project is currently in its development phase.

Techstack - React.js, Node.js, MongoDB, Mongoose, Heroku, Netlify, GitHub, Linear

Print Center App - A mobile application to allow its users to find nearby registered print centers and create print orders from the comfort of their homes, offices, etc. The objective was to eradicate the waiting line at print centers and to digitalize payment options.

Techstack - React Native, JavaScript, Redux, Thunk, Sagas, Firebase, GitHub, JIRA, Android, Java, SwiftUI, XCode

ADDITIONAL INFORMATION

Certifications: Object-Oriented programming in Java by openSAP, Android Application Development by Monkfox, HTML, CSS, JavaScript by Cambridge Certification Authority(CCA)

Awards: Employee of the month reward for outperforming performance & excellent office skills, Employee of the month for demonstrating excellence and providing various optimization solutions to existing systems.