

Sushma Kunjangada Arun

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Summary

Versatile Software Developer with 2+ years of experience in API integration and full-stack development. Skilled in React, Java, Swift, and REST APIs, with hands-on projects across web, mobile, and backend systems. Passionate about building clean, user-focused applications and continuously learning new technologies.

Education

Northeastern University

Master of Science in Information Systems

Jan 2024 - Expected Dec 2025

GPA: 3.7

Relevant Coursework: Program Structures and Algorithms, Web Development and User Experience

Coorg Institute of Technology

Bachelor of Engineering in Computer Science

Aug 2016 - Oct 2020

GPA: 8.01

Skills

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|------------------------------------|---|
| Languages: | JavaScript, TypeScript, Python, Java, SQL (MySQL, T-SQL), Swift, C |
| Frameworks & Libraries: | React.js, Angular, Node.js, Redux, REST API, MongoDB |
| Tools & Other: | Git, GitHub, Docker, Visual Studio, Power BI, Tableau, HTML, CSS, UI/UX Design, JSON, iOS |
| Concepts: | Data Structures, Object-Oriented Programming (OOP), Agile, Scrum |

Work Experience

Integration Developer, Happiestminds Technologies Ltd – Bangalore, India

Jun 2021 - Nov 2023

- Migrated 15+ SOAP/REST web services from Tibco to Boomi, reducing system overhead by 30% and improving API response times by 25%
- Collaborated with QA to develop unit and integration tests using Postman and custom scripts, resolving 10+ production issues monthly and contributing to high system reliability
- Optimized complex T-SQL database queries, reducing transaction times by 5 minutes and improving overall backend performance
- Delivered scalable integration solutions to 5+ enterprise clients, improving service reliability by 45% and achieving a 95% client satisfaction rate through consistent, high-quality customer service support

Academic Projects

HopSaver - Smartphone Based Web Development

Jan 2025 – Apr 2025

- Built a Swift-based personal finance iOS app with speech-to-text input using Apple's Speech Framework, reducing manual entry effort
- Designed a SwiftUI dashboard with visual expense trends and budget alerts, ensuring consistent UX across iPhone screen sizes
- Integrated Core ML for monthly expense prediction of 85%+ test accuracy and Core Data for offline access and data persistence

Safe Harbour Youth - Web Development and User Experience

Jan 2024 – Apr 2024

- Created a secure PWA using React.js, Redux, Node.js, and MongoDB to enable youth to anonymously report abuse and track case status
- Developed REST APIs with role-based access and dashboards for NGOs and Admins, improving case response workflows by 35%
- Integrated Stripe donations, multilingual support 3 languages, and responsive design principles to enhance usability and accessibility

Fresh2Home - Application Engineering and Development

Jan 2024 – Apr 2024

- Developed a role-based desktop application using Java Swing to connect farmers with consumers, promoting transparency and eliminating middlemen
- Implemented CRUD operations, CSV-based data persistence, and modular GUI panels to simulate order management, payments, and education workflows
- Improved operational clarity through tailored user dashboards and reusable components, applying OOP principles and in-memory structures