

# Dushyanth Nagesh Gowda

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## About Me

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Software Engineer with 5 years of experience specializing in front-end and mobile development using React, TypeScript, and JavaScript. Proven track record of delivering scalable applications that enhance efficiency, user engagement and streamline workflows. I excel in fast-paced environments focused on innovation and improvement, and I'm committed to building intuitive, efficient, and reliable software solutions that solve real-world problems and enhance user experiences.

## Education

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<b>University of Texas at Arlington</b> <i>Master of Science in Software Engineering</i>	Arlington, Texas Aug 2024 – Present
<b>Jain University</b> <i>Bachelor of Technology in Computer Science and Engineering</i>	Bangalore, India Aug 2015 – Jul 2019

## Technical Skills

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**Languages:** JavaScript, TypeScript, Java, Python, C++, SQL, HTML, CSS, SCSS

**Frameworks/Libraries:** React.js, Redux, Angular 12, React Native, Material UI, Axios, D3.js

**Tools & Platforms:** Firebase Console, Firebase Messaging, Xtremepush, Git, Jira, Azure, Figma

**Testing & Build Tools:** React Testing Library, Jasmine, Jest, Selenium, Karma, Babel, Webpack, ESLint

**Certifications:** Advanced React, MongoDB Basics, Advanced JavaScript, Advanced Relational Database and SQL

## Work Experience

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<b>Version 1</b> <i>React Developer</i>	Bangalore, India Aug 2022 – Aug 2024
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- Migrated **Dublin Airport's mobile application** from **Xamarin** to **React Native** and **TypeScript**, managing the entire process from migration to deployment on both the **Apple App Store** and **Google Play Store**.
- Collaborated with designers to rebrand the **UI/UX** and integrated key features such as **geofencing**, **payment gateways**, **push notifications**, and **analytics**, contributing to a **100% increase in user engagement**.
- Developed a front-end tool to automate server migrations using **Angular 12**, **Typescript**, and **SCSS**. Integrated **AG-Grid**, **D3 charts**, and **Server-Sent Events** to enhance data handling and user experience. This tool reduced manual data mapping by **70%**, automatically generating results and simplifying the migration process for consultants.
- Automated cycle time calculations for **GitLab issues** using **Node.js**, reducing manual reporting time by **40%**.

<b>Cerner Healthcare Solutions</b> <i>Software Engineer 2, Software Engineer 1</i>	Bangalore, India Jul 2019 – Aug 2022
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- Contributed to the **Seamless Data Exchange** project, enabling secure data exchange between hospitals by implementing **FHIR standards** and utilizing **JavaScript**, **React**, and **RESTful APIs**. This facilitated real-time sharing of patient information across **EHR platforms**, significantly improving interoperability and data accessibility.
- Developed an internal tool using **React** and **JavaScript** for placing orders for external patients. This tool streamlined the ordering process, reducing the need for manual data injection by **90%**.
- Implemented unit and automation tests using **Jest**, **React Testing Library**, **Karma**, and **Selenium**, enhancing components' performance and overall quality, resulting in fewer bugs.
- Served as a subject matter expert for Orders solutions, mentoring new associates, providing guidance, and collaborating on **code reviews** and **technical design documentation**.
- Worked on an **EJS server** in **Java**, improving server functionality through bug fixing and enhancing request/response handling. Conducted **unit testing with JUnit** and **black-box testing** to ensure the server's reliability.
- Implemented **Maven reactorization** to optimize builds and manage dependencies for legacy **Java projects**.
- Enhanced **MFC Win32 desktop applications** and resolved bugs by focusing on **issue investigation**, **root cause analysis**, **debugging**, and applying problem-solving skills.

## Awards & Achievements

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- **Callouts and Bravo Awards:** For delivering fast-paced, on-time deliverables with exceptional performance and contributions to critical projects.
- **Night on the Town Award:** For improving team efficiency and refactoring legacy Java code, ensuring on-time deliverables.