

## Vinay Kumar Chowdry

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### TECHNICAL SKILLS

**Programming Languages and Frameworks:** Java, Spring Boot, Angular, TypeScript, Express, Node.js, MySQL, SQL, React.js

**Web Development technologies** HTML5, JavaScript, JSON, CSS3, Bootstrap4

**Version control and development tools:** Visual Studio Code, Eclipse IDE, IntelliJ, Git, GitHub

**DevOps and Infrastructure:** Windows, Linux, Lambda, S3 Bucket, Lambda, CloudFront, EC2

**Testing and Management:** Protractor, Jasmine, JIRA, Waterfall, and Agile/Scrum methodologies

**Soft Skills and Collaboration:** Self-motivated, goal oriented, and good verbal and written communication skills.

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### EDUCATION

**Master of Science in Information Technology**

University of Cincinnati, OH, USA

**CGPA: 3.96/4**

Aug 2022 - Dec 2023

**Courses:** Web Development, Advanced Storage Technologies (AWS), Machine Learning

**Bachelor of Technology in Information Technology**

CVR College of Engineering, Hyderabad, India

**CGPA: 9.2/10**

Aug 2016 - Aug 2020

**Courses:** Object-oriented programming using Java, Mobile Application Development, and Database Management Systems.

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### PROFESSIONAL EXPERIENCE

**SOFTWARE ENGINEER - Infosys, Hyderabad, India**

**Sep 2020 - July 2022**

- Developed REST Services for enterprise-level web applications with **Spring Boot** and **MySQL** and designed **J2EE** components using **Java** frameworks, incorporating Spring JPA/Hibernate, Spring DAO, Spring Security, and Spring AOP.
- Optimized application performance by implementing modern technologies such as **Angular**, **REST API**, HTML, CSS, **JavaScript**, **GitHub**, and **SQL/NoSQL** databases, resulting in a **25%** increase in speed and efficiency.
- Employed cloud technologies like **AWS S3** and **CloudFront** for application deployment, enhancing infrastructure costs by **40%** and data processing speeds by **30%**.
- Achieved **95%** customer satisfaction in **SDLC** by actively participating in analysis, software design, development, and test processes with CI/CD, prioritizing security. This included meeting IT industry standards, and technical specifications, and actively participating in sprint planning, bug fixes, documentation, and code reviews.

**SOFTWARE ENGINEER INTERN - OpenText, Hyderabad, India**

**Feb 2020 - Sep 2020**

- Worked on migrating a legacy **NodeJS** application transitioning from **AngularJS** to **Angular** with MVC architecture by improving functionality and scalability optimization by **50%**.
- Collaborated with **UI/UX** designers and back-end developers to create **REST APIs** by working on functional specifications.
- Worked on the development of the front end for an ATS application, gaining expertise in **Docker**.
- Implemented **TDD** with automated test cases, leveraging **Protractor** as the E2E testing framework, and **Karma** as the test runner. This approach streamlined testing processes and resulted in a **20%** reduction in testing time.

**SOFTWARE ENGINEER INTERN - Aadvi Tech Solution, Hyderabad**

**June 2019 – Feb 2020**

- Leveraged **React.js** and **Node.js** to build a secure and interactive client website, featuring **JWT authentication** for robust access control by **25%** and Nodemailer integration for convenient OTP delivery via email.
  - Used **React.js** and **redux** toolkit with other libraries by improving the app scalability and modularity up to **30%**.
  - Demonstrated proficiency in the full **SDLC (Software Development Life Cycle)**, contributing to effective teamwork, training, and projects leading to a **50%** increase in team productivity by collaborating with software engineers.
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### ACADEMIC PROJECTS

**E-Farm Web App / Angular, HTML5, CSS3, Bootstrap, Firebase, Eclipse IDE.**

- Created a full-stack web app with enhanced user authentication speed by **30%**.
- Utilized cutting-edge technologies: **Angular**, **HTML 5**, **CSS 3**, **Bootstrap**, **Eclipse IDE**.
- Implemented **Firebase** to build advanced data management, achieving a **25%** reduction in retrieval time.

**Job-Portal: Full Stack Web Application / React, MySQL, Node.js,**

- Developed a full-stack web app, enhancing user interfaces by **40%**.
- Utilized **React** for dynamic front-end functionalities, while optimizing server-side operations with **NodeJS**.
- Integrated **MySQL** with **NodeJS**, ensuring seamless integration, succeeding in a **30%** increase in database efficiency.