Dinesh Somaraju

Digital Specialist Engineer – Infosys

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EXPERIENCE

- **Infosys, Specialist Programmer**   *May 2024 – Present*
  - Developed a full-stack movie booking app using Spring Boot and Angular after learning both technologies.
- **Infosys, Digital Specialist Engineer**   *August 2021 – April 2024*
  - Boosted React application efficiency by 70% through strategic rendering optimizations.
  - Engineered a robust Python framework with reusable modules for CommerceTools REST and GraphQL APIs, automating manual processes and achieving a remarkable 90% reduction in data setup tasks.
  - Accelerated AWS Lambda performance by optimizing operations, leveraging consolidated GraphQL requests to achieve a remarkable 3x speed enhancement.
  - Developed and implemented React unit test cases, enhancing coverage from 20% to 60%.
  - Mitigated vulnerabilities identified in Sonar and Checkmarx scans to enhance application security and reliability.

EDUCATION

- **Anil Neerukonda Institute of Technology and Sciences (UG)**   Visakhapatnam, India
  Bachelor of Technology - Computer Science; GPA: 8.68   *July 2017 - June 2021*
- **Narayana Junior College (Board of Intermediate AP)**   Srikakulam, India
  Intermediate – MPC; Percentage: 97.4   *June 2015 – March 2017*
- **Ravindra Bharathi School (Board of SSC)**   Amadalavalasa, India
  Bachelor of Technology - Computer Science; GPA: 8.68   *June 2014 - March 2015*

SOFTWARE SKILLS

- **Development:**   Node.js, React.js, Angular, Typescript, Express.js, GraphQL, Redux, Python, HTML, CSS, JavaScript, jQuery, php, Spring Boot, C, C++, Java
- **CSS Frameworks:** Bootstrap, Material UI
- **Databases:**   MySQL, MongoDB
- **Tools:**   Git, Visual Studio Code, Postman, Robo 3T

PROJECTS

- **GSecureLock** [L]: Created and launched an all-in-one application for organizing passwords, cards, coupons, and API keys, securely storing credentials directly to users' Google Drive accounts. *(Oct 2021 - Present)*
- **Security Pass** [L]**:** Designed a robust login system to shield keyboard-entered passwords from unauthorized access, ensuring over 16 combinations are needed even if an attacker observes all successful attempts. *(Nov 2019 - Dec 2019)*
- **Portfolio** [L]: Developed a professional portfolio highlighting my skills and experience. *(July 2020)*
- **Course Files Management System** [L]: Led a team in creating an online system that empowers teachers to efficiently manage data, reducing paperwork by 70%. *(Dec 2019 - Mar 2020)*
- **Billing System** [L]: Developed a React application to streamline invoice and service management for businesses, resulting in an 80% reduction in manual paperwork and improved operational consistency. *(Feb 2021)*
- **HackTheQuarantine** [L]: Designed and developed a website for managing online assessments, tracking scores, and ranking over 100 participants in HackTheQuarantine, a prominent national-level Hackathon. *(May 2020)*
- **Training and Project Management System** [L]: Developed a platform enabling qualified individuals to join projects and allowing managers to bid on government projects, leading to a 50% improvement in communication efficiency. *(Sep 2019 - Oct 2019)*
- **TalentOnCloud** [L]: Developed a prototype for a social media application that efficiently organizes posts, live events, collaborations, and includes live chat for interactive conversations. *(July 2020)*

CERTIFICATIONS

- Infosys Certified Front End Web Developer, React Professional, NodeJs Professional, Mongo Developer and Python Programmer.
- Ethical Cyber Security workshop at IIT Hyderabad.
- Cyber Security workshop at IIT Mumbai.
- Gaming workshop using Build Box.

AWARDS/ACHIEVEMENTS

- Achieved first place in the Dual-a-thon application programming competition held in Visakhapatnam on November 30th, 2019.
- Received an award for winning the Project Beta Testing Competition hosted by CSI at ANITS on February 29th, 2020.
- Hosted a national-level hackathon, "HackTheQuarantine," at ANITS under CSI on June 8th, 2020.
- Achieved the 4187th position out of 10,000 participants in Google Hashcode 2020.
- Secured the 2nd position in the project expo held on March 7th, 2020 as part of ANITS Cursors.