

Summary

Experienced Software Engineer with over 3+ years in software development and project delivery. Proficient in Python, Django, and Ionic (Angular), with expertise in end-to-end software development lifecycles. Proven ability to deliver projects on time while maintaining high-quality standards. Adept at developing robust and scalable applications using full-stack development.

Skills

- **Programming Languages:** Python
 - **Mobile App:** Ionic Framework (Angular)
 - **Web Development:** HTML, CSS, JavaScript, jQuery, Typescript, Django, Ajax
- **Database:** SQL Server, SQLite, MongoDB
 - **Version Control:** GIT
 - **Software Architecture:** MVC, MVT
 - **Mern Stack :** React + Vite, ExpressJs, NodeJs
 - **Tailwind CSS,Vercel,Render**

Experience

Software Engineer

Jun/2021 to Current

Fifth Generation Technologies – Chennai

- **Product Development:**
 - Built customizable apps for tablets and smartphones using Python, Django, Ionic- Angular, to boost manufacturing performance across production,part quality, energy consumption, and downtime reduction.
 - Developed mobile applications for engine inspection and warehouse management using Ionic, Angular Django REST APIs. Implemented core functionalities such as defect tracking, barcode scanning, real-time data synchronization, and FIFO inventory management. Ensured system security and accuracy through user authentication, reporting features, and quality assurance validation.
- **Project Management and Delivery:** Successfully managed and delivered multiple high-impact projects, ensuring timely completion and adherence to quality standards.
- **Requirement Gathering and System Analysis:** Participated in requirement gathering, system analysis, and technical documentation, ensuring accurate and comprehensive project specifications.
- **Application Development and Testing:** Designed, developed, and tested applications using Django and Ionic-Angular technologies, ensuring robust and scalable solutions.
- **Bug Fixing and Debugging:** Identified and resolved application issues, maintaining smooth implementation and operation of software solutions.

Key Achievements

- **Project Management:** Oversaw various projects, resulting in the accomplishment of several crucial needs.
- **Project Enhancement:** Successfully implemented a new module and updated existing features in the project, aligning with client requirements and improving overall system functionality.
- **Bug Reduction:** Enhanced bug identification processes and optimized performance, resulting in a 25% reduction in bug occurrences and improved system efficiency.
- **Successful Project Delivery:** Played a role in delivering the project on time, providing critical data for evidence-based road safety strategies.

Key Projects

- **BorgQuality:** Developed a web-based tool for managing resources and financial orders using Django and Python. Implemented features and resolved bugs as per evolving client requirements.
- **Expleo Solution Private Limited:** Developed a web-based tool for managing project resources and order financials using Python and Django. Contributed to requirement gathering, system analysis, and technical documentation to support accurate and efficient project delivery
- **Engine Warehouse Management - FIFO:** Built a cross-platform mobile app using Ionic, Angular, and Django REST APIs to manage engine movement and storage based on FIFO logic
- **Mindshare (Internal Project):** Managed internal resources and employee reimbursements using Django. Handled both frontend and backend development, ensuring a user-friendly interface and accurate data Processing.

Education

Certificate in Full Stack Development NIIT Institute, Coimbatore 2019-2020	Bachelor of Science (Computer Science) SNGC College, Coimbatore 2014-2017
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