

SAGAR P H

JUNIOR SOFTWARE DEVELOPER

sagargowda9128@gmail.com | +91 974-366-9950 | <https://sagar-ph.github.io> | Bengaluru, India

Junior Software Developer with more than 2 years of experience. Good at working in teams, solving problems, and communicating clearly. Always ready to learn new things and help others. Works well in fast-paced environments and takes responsibility to get the job done on time. Positive, dependable, and eager to grow.

EDUCATION

Don Bosco Institute of Technology, India

CGPA: 7.91

Bachelor of Engineering - Computer Science and Engineering, 2018

Coursework: Data Structures, Robotic Process Automation, Object-Oriented Programming, Database Management System

WORK EXPERIENCE

Inventys Technologies Pvt Ltd.

2023 - PRESENT

Junior Software Developer

Bangalore, Karnataka, India

- Contributed to the development of RPA platform for automating workflows across desktop (C#) and web systems (JavaScript).
- Engineered backend services to enable seamless inter-process and inter-component real-time communication between C#, Python, and JavaScript modules utilizing Redis Pub/Sub.
- Reduced automation build and debug time through an Electron + React workflow studio with executable workflows, live execution logs, and breakpoint-level debugging.
- Built Python DOM analysis logic using lxml and spatial algorithms for structured UI element detection.
- Assisted in building internal modules, creating technical documentation, and actively assisting in planning, building, Testing, code reviews, and daily scrums.

PROJECTS

Data Security Using Efficient Cryptosystem Technique - [Java, JSP, Cloud, ECC Algorithm]

- Developed a secure network-based text file sharing service using Elliptic Curve Cryptography (ECC).
- Ensuring data confidentiality and secure transmission, decryption key securely delivered via email to authorized recipients.
- Implemented ECC-based encryption and key exchange mechanisms to protect files from unauthorized access.
- Achieved high security with efficient key sizes, leveraging ECC to optimize performance and reduce computational overhead.

Customer Relationship Management (CRM) Application – [MongoDB, ExpressJS, AngularJS, NodeJS]

- Implemented scalable MongoDB aggregation pipelines for monthly product-level sales and revenue analytics.
- Developed robust time-series trend analysis with period-over-period comparison and date normalization.
- Developed a modular CRM analytics layer supporting KPI dashboards, future forecasting and sales intelligence features.

SKILLS

- Programming Languages:- Python, C#, JavaScript, Java
- Frontend:- HTML/CSS, React.js, Angular.js, Electron.js
- Backend:- Node.js (Express.js), Django, ASP .NET, Spring Boot
- Database:- MongoDB, MySQL
- Tools:- Docker, Nginx, Redis, Git, Jira, Chrome Dev Tools
- Others:- Web Sockets, RESTful API

HONORS AND AWARDS

- Built personal projects using MEAN stack, Django Web Apps with source code and **Docker Packages** hosted on GitHub.
- Solved 500+ algorithmic problems on **LeetCode** and **HackerRank**, demonstrating strong problem-solving and DSA proficiency.