

Pushparaj Murugesan

Jr. Software Engineer

Profile

A highly motivated IT professional with over one and a half years of experience in IT infrastructure and providing comprehensive technical support. Proven expertise in troubleshooting and resolving software issues, with a focus on optimizing code performance. Adept at collaborating with cross-functional teams to integrate and implement new technologies. Seeking a challenging software developer role to apply my technical skills in coding, problem-solving, and innovative solutions, contributing to the success of a forward-thinking organization.

Work Experience

Full-Stack Developer at Datacorp Traffic Private Limited.

July 2023 - 2024 (Present)

- Bangalore, Karnataka

- Proficient in full-stack development using Django, Python, JavaScript, HTML, CSS, and APIs to build and maintain dynamic, data-driven web applications.
- Developed and deployed full-stack applications, processing and analyzing large data sets, and creating visually engaging data visualizations, resulting in improved user engagement and decision-making.
- Designed responsive, user-friendly interfaces that enhanced user interaction and optimized application efficiency, improving operational performance.
- Collaborated effectively within cross-functional teams to troubleshoot and resolve technical issues, ensuring timely project delivery and smooth functionality.
- Continuously improved development skills by staying up to date with industry trends and best practices, contributing to the adoption of modern tools and frameworks.

Software Intern at Datacorp Traffic Private Limited.

Feb 2023 - Jun 2023

- Bangalore, Karnataka

- Assisted in the preparation of financial statements, ensuring accuracy and compliance.
- Conducted internal audits, identifying and rectifying discrepancies in financial records.

Projects

- Developed and currently maintaining a tool to calculate employee performance using various trackers and factor values, improving the accuracy of performance metrics.
- Designed and implemented a data migration tool that securely transfers data from a public server to a local server, ensuring data integrity and seamless transition during migration.
- Created a dynamic tool for generating household questionnaires and developed an API that delivers the questions to mobile applications, enhancing survey distribution efficiency.
- Built a comprehensive tool to monitor footage status and calculate required manpower, optimizing resource allocation and project timelines for job completion.
- Migrated existing data visualizations to AM Charts, improving user interaction and data presentation, resulting in more intuitive insights for users.
- Developed a calculator to estimate manpower and costs for job completion, providing accurate cost assessments and supporting better project planning.

Contact

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Ayamarathur, Vellalapuram,
Chinnappampatti, Salem, Tamil
Nadu, 636306.

Skills

Technical Skills

Back-End

Python, Amazon AWS, Django, PostgreSQL, Python APIs, Version Control, and Java.

Front-End

JavaScript, jQuery, Materialize Theme, Bootstrap, AM Charts, HTML, and CSS.

Tools/Software

VS codes
Atoms
PyCharm
Eclipse

Soft Skills

Team Player
Action Planning
Documentation Designing
Project Management
Customer Experience

Languages

English (Fluent)
Tamil (Fluent)

Educational Background

B.E Computer Science and Engineering 75%

2020-2023

Sona College of
Technology, Salem

Diploma in Computer Science and Engineering 85%

2017-2020

Thiagarajar Polytechnic college,
Salem

SSLC 82%

2017

Government Higher Secondary
school, Cettimangurichi, Salem