

DHANISH G

Software Engineer

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Professional Summary

Software Engineer primarily specializing in **Python** and **Django**, with working knowledge of **Java** and **C** and hands-on experience in **automation** and **manual** testing. Skilled in building scalable backend systems, optimizing application performance, and developing reliable software solutions. Recognized for improving efficiency and collaborating effectively to deliver high-quality projects on time.

Education

B.Tech Artificial Intelligence and Data Science

Erode Sengunthar Engineering College

CGPA: 8.38/10

Higher Secondary (Computer Science)

Amma Matriculation Higher Secondary School

79%

Technical Skills

Languages	Python, Java, JavaScript, C#
Frontend	React, HTML, CSS, Bootstrap, Tailwind CSS
Backend	Django, Django REST Framework
Databases	PostgreSQL, MySQL
Testing	Manual Testing, Automation Testing, Test-Driven Development (TDD)
Developer Tools	Git, GitHub, Postman, JMeter, VS Code
Learning	ASP.NET Core, Entity Framework Core

Experience

Full Stack Developer Intern

Jan 2025 – Jul 2025

Altruisty Innovation Private Limited, Chennai

Developed a real-time online learning platform for course management, assessments, and student engagement.

- Built and deployed a **real-time online course platform** using **Python, Django, and PostgreSQL**, improving development velocity by **30%**.
- Developed and optimized backend modules, reducing application response time by **25%** through efficient database design and query optimization.
- Automated attendance workflows and integrated monitoring solutions, reducing manual effort by **80%** and improving operational efficiency.
- Collaborated with cross-functional teams using Git, reducing merge conflicts by **40%** while ensuring timely feature delivery.

Full Stack Developer Intern

May 2024 – Jun 2024

ISAN Data Systems Pvt. Ltd., Bengaluru

Built and enhanced enterprise web applications with scalable backend services and responsive user interfaces.

- Developed **backend features** using **Python, Django, and PostgreSQL**, improving user engagement by **20%**.
- Optimized PostgreSQL queries and backend logic, reducing average response time by **18%**.
- Built responsive, cross-browser user interfaces using **HTML, CSS, and JavaScript**, enhancing usability across multiple devices.
- Introduced automated testing practices and collaborated with the development team, improving development efficiency by **30%** and reducing manual QA effort by **50%**.

Projects

Collab Platform [\[link\]](#)

React, Django REST Framework, Django Channels

A real-time collaborative project management platform with GitHub integration, team communication, and task management.

- Developed a collaborative project management platform with real-time communication features.
- Implemented JWT authentication, GitHub OAuth, and role-based project management.
- Built WebSocket-powered group chats with typing indicators and offline message caching.
- Integrated GitHub APIs for repository creation, commit tracking, pull requests, and issues.
- Developed analytics dashboards for monitoring project progress and team contributions.

Study Sphere [\[link\]](#)

Python, Django, PostgreSQL, JavaScript

A Reddit-inspired educational community platform for collaborative learning, project showcasing, and structured course management.

- Developed a Reddit-inspired educational community platform for collaborative learning.
- Built threaded discussions, project showcases, user portfolios, and course management modules.
- Implemented authentication, file uploads, AJAX pagination, and relational database models.
- Designed normalized database schemas using One-to-One, Foreign Keys, and self-referencing relations.
- Integrated multimedia sharing, profile management, and structured learning resources.

Admission Management System [\[link\]](#)

Python, Django, PostgreSQL

A comprehensive web-based admission management system that digitizes student enrollment, document verification, and fee management.

- Built a complete admission workflow for managing student enrollment and administration.
- Developed secure document management with automated student-specific file organization.
- Implemented fee tracking, payment verification, follow-up management, and activity logging.
- Designed relational database models for academic, financial, and logistics information.
- Added validation, role-based access, and automated PDF generation for admission reports.

Aura E-Commerce Platform [\[link\]](#)

React, Django REST Framework, PostgreSQL

A scalable full-stack e-commerce platform supporting product management, authentication, and modern shopping workflows.

- Built a full-stack e-commerce platform with REST APIs and React frontend.
- Developed product, category, inventory, and variant management modules.
- Implemented JWT authentication, cart, wishlist, order, and payment workflows.
- Designed scalable APIs with filtering, pagination, search, and role-based authorization.
- Optimized PostgreSQL queries and backend services for improved application performance.

Areas of Interest

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|------------------------|----------------------------|
| • Software Engineering | • Full Stack Development |
| • Backend Development | • C# & .NET Development |
| • Node.js & MERN Stack | • DevOps & Cloud Computing |
| • System Design | • Open Source Development |