Santhosh Raj K

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 🔗 txs-stack-ops.vercel.app   ⌂ github.com/sandyddeveloper

Professional Summary

Motivated Python/Django Developer with hands-on experience in building scalable web applications, developing REST APIs, and working with relational databases. Strong understanding of backend development, and modern web technologies. Passionate about problem-solving, clean code practices, and contributing to impactful software solutions.

Education

Bachelor of Computer Applications (BCA)   *Aug 2021 – Jun 2024*
Agurchand Manmull Jain College, Chennai, India   **CGPA: 8.3/10**

Higher Secondary Certificate (HSC)   *Jun 2020 – Apr 2021*
St. John's Matriculation Higher Secondary School, Chennai   **Percentage: 76%**

Internships

Shiash Info Solutions Pvt. Ltd.   *May 2024 – Jul 2024*
Python Django Developer Intern

- Developed and maintained backend features using Django and Django ORM.
- Built RESTful APIs for data handling and integrated them with frontend modules.
- Improved MySQL query performance by 30 percent through indexing and optimization.
- Implemented user authentication, form validation, CRUD operations, and reusable components.
- Participated in code reviews and collaborated using Git workflows.

Technical Skills

- **Programming Languages:** Python
- **Framework:** Django, Flask, Django REST Framework
- **Frontend Technologies** HTML5, CSS3, TailwindCSS, React.js, Next.js (basic)
- **Databases:** MySQL, SQLite
- **Core Concepts:** REST API Development, Authentication and SDLC.
- **Developer Tools & Platforms:** Git, GitHub, Postman, VS Code.

Projects

Aluminium-Pro   aluminium-pro.onrender.com ↗

- Designed and implemented a comprehensive inventory management system, streamlining stock tracking and improving operational efficiency by reducing manual efforts by 40%.
- Integrated Django backend with a MySQL database and developed a responsive frontend using HTML, CSS, and Reactjs, ensuring smooth data synchronization and real-time inventory updates.