

Nicholas Thompson

Full Stack Developer (Python)

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Summary

Full Stack Developer with over two years of experience designing and building web applications and backend systems. Proficient in Python, Flask, React, and SQL, with strong skills in troubleshooting, database optimization, and deployment. Experienced in web server configuration using Apache, Nginx, and Daphne for high-performance delivery. Currently expanding skills with FastAPI and PostgreSQL to further optimize backend performance. Focused on creating reliable, scalable applications that simplify user workflows and solve real-world problems. Seeking a remote role where I can deliver practical, innovative solutions and continue growing.

Work Experience

Full Stack Developer - SAAD's Healthcare

Aug '22 - Apr '25

- Developed a Flask-based Call Logging System integrated with Voxo's call APIs, enabling real-time notifications and contact lookups. Reduced follow-up time by 20% and improved team responsiveness.
- Configured and optimized Apache and Nginx servers to serve multiple applications, including Django apps via Daphne and React/Flask apps through proxy setups, achieving seamless multi-app deployment.
- Built a dynamic Report Center Application in Flask, leveraging complex SQL queries and automated PDF generation to streamline internal reporting processes and reduce manual workload by 30%.
- Designed and maintained SQL views and custom automation scripts to improve database performance and ensure consistent, reliable backups through transaction log monitoring.
- Developed reusable UI components and forms in React, integrated cleanly with Django backends, ensuring smooth, reliable frontend/backend data flow and enhancing the user experience.

Education

Coastal Alabama Community College | Associate of Applied Science in Computer Science - May '20

| GPA 3.75

Certifications

Google IT Automation with Python - Google

Issued: Apr '25 | ID: QD3UJRV1KW78

Skills

Programming Languages and Databases:

- Python
- JavaScript
- SQL
- MySQL
- MSSQL
- PostgreSQL
- HTML/CSS

Tools and Platforms:

- Git/GitHub
- Visual Studio Code
- Active Directory

Systems:

- Windows
- Ubuntu
- OpenSUSE
- Android
- iOS

Soft Skills:

- Problem Solving
- Collaboration
- Adaptability
- Communication

Frameworks and Libraries:

- Flask
- FastAPI
- React.js
- Node.js
- jQuery
- REST APIs