

Al Amin

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Skills

- Frontend Technologies: HTML, CSS, JavaScript, ActionScript, jQuery, React
- Backend & Database: Node.js, Express.js, SQL, MongoDB
- Programming Languages: C, Python, Java

Networks Operations Center Engineer

February 2025 – Present

Wachter, Inc

Mount Laurel, NJ

- Utilize ServiceNow and SAOne for ticketing, incident management, and troubleshooting.
- Perform command-line interface (CLI) operations for network diagnostics and configurations.
- Configure switches and ports for Walmart and McDonald's, ensuring proper device connectivity and optimal network performance.
- Monitor and resolve network issues, ensuring minimal downtime and efficient operations.
- Collaborate with teams to maintain and improve network infrastructure.

Software Engineer Full-Stack

Jan 2024 – Nov 2024

Lentura

- Full-stack development with Python (Django/Flask) and React, integrating AES encryption and JWT auth for end-to-end security.
- Built secure REST APIs with RBAC, CSRF protection, and rate limiting in Linux environments.
- Automated security testing (Bandit/OWASP ZAP) in CI/CD pipelines for vulnerability detection.
- Wrote an 8-page paper and gave multiple presentations on-campus
- Database security using PostgreSQL/MySQL row-level security and encrypted fields for compliance.

Projects

Demo Swap | *JavaScript, TypeScript, Node.js, Express.js, Sequelize, MySQL, Handlebar, HTML, CSS*

Oct 2023 – Feb 2024

- Led front-end design for Demo Swap, a Team Fortress 2 trading platform, using Handlebars for advanced templating.
- Collaborated on backend routing and maintained server functionality on Heroku to ensure continuous operation.
- Developed a current trade offers tab, enabling users to browse, participate in, and track trades.
- Implemented a trade history feature, allowing users to view past trades, including trade partners and timestamps.

BudgetBuddy | *MongoDB, Express.js, React, Node.js, Git*

Oct 2023 – Feb 2024

- Developed a MERN stack-based personal finance tracker focused on budget management and goal setting.
- Implemented JWT-based authentication to enhance data security
- Deployed and maintained the application on Render and Netlify, ensuring seamless functionality and an optimal user experience

Technical Skills

Western Governors University

Millcreek,
k, UT

Bachelor of Science in Computer Science

*Aug.
2023 –
May
2025*