Daniel Pavenko

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EXECUTIVE SUMMARY

Full-stack developer and computer science student with hands-on experience building SaaS features (React, C#, Node.js), securing authentication flows, and deploying containerized services. Seeking junior software engineering roles.

EDUCATION

Shippensburg University   Shippensburg, PA
Bachelor of Science in Computer Science — GPA: 3.725   *Jan 2021 – Dec 2025*

EXPERIENCE

Application Development Intern   May 2025 – Present
GDC IT   *Chambersburg, PA*
- Participated in scrum meetings and collaborated through Azure DevOps in an Agile team environment
- Developed features for a SaaS product using React, Material UI, Microsoft Entity Framework and C#
- Implemented LINQ queries to optimize database interactions for our product project
- Performed large-scale package migrations, resolving breaking changes across the application

Associate Software Engineer   May 2025 – Present
Cinteot   *Chambersburg, PA*
- Created an SMTP server on Ubuntu Server using Postfix via a VMware VM to enable reliable mail transfer
- Developed an internal automation tool using Python, Flask, and PostgreSQL with Ollama
- Containerized and orchestrated the SMTP service using Docker Compose for streamlined deployment
- Collaborated in an Agile environment with regular scrum meetings to deliver iterative improvements

Information Technology Intern   Aug. 2023 – May 2025
Schreiber Foods   *Shippensburg, PA*
- Deployed and configured enterprise hardware, ensuring 99.9% uptime for 600+ employees
- Managed user accounts, machines, and access permissions using Active Directory and Intune
- Installed and terminated Ethernet runs, deployed switches, developed and maintained network infrastructure

PROJECTS

Login System | *React, Node.js, Express, Sequelize, JWT, Tailwind, Git*   Dec. 2024
- Designed the database layer with Sequelize ORM to support secure authentication and efficient user data management
- Implemented a scalable Node.js + Express backend to handle API requests, JWT auth, and password recovery
- Built a responsive React frontend with Tailwind as well as managed state and routing with Context API and React Router
- Added email OTP verification and password recovery workflows to strengthen account security

Abilities App | *Python, MySQL Connector, Tkinter, MVC, Git*   May 2025
- Managed a MySQL database using CRUD methodology with a business layer to prevent SQL injection
- Implemented a server-client backend in Python with MVC that translated client pseudo-SQL into safe SQL queries
- Built a Tkinter interface for user workflows and maintained code with Git
- Supported multiple simultaneous users on the same database, handling concurrent access server-side

TECHNICAL SKILLS

Languages: Russian (fluent), Python, Java, C, C#, C++ JavaScript, SQL, Bash, HTML, CSS, LaTeX
Frameworks & Libraries: React (Router, Context API, RTK Query), Material UI, Node.js, Express, Tailwind CSS, Bootstrap, Axios, Sequelize, Flask, ASP.NET, Microsoft Entity Framework, Vulkan
Tools & Technologies: Git (GitHub/GitLab), Docker, Docker Compose, NPM, VS Code, IntelliJ, PyCharm, Rider, Vite, Figma, Linux/Unix, RegEx, ESLint, CI/CD pipelines, RESTful APIs