

ADDI PENRY

Full Stack Software Engineer

✉ (hidden for privacy) | 📍 Durham, NC | 🌐 thecalmplexcoder.com | 🔗 linkedin.com/in/addi-penry

EXPERIENCE

Full Stack Software Engineer

🏢 Credibly (medium fintech company) | 📍 New York, New York | 📅 07/2020 - 11/2023

- ✿ Led the development of a suite of end-to-end web applications for 1 year by architecting data structure, mentoring a junior engineer, delegating tasks, and hands-on coding
- ✿ Converted a legacy monolithic codebase to a microservices architecture via Docker, resulting in a 77% increase in productivity for internal users within a single application
- ✿ Developed 6 responsive web applications with a Python frontend and JavaScript backend
- ✿ Leveraged REST APIs to facilitate data exchange with partner companies
- ✿ Created detailed project plans via UI/UX wireframes, documentation, and Jira outlining milestones, deadlines, and dependencies, enabling management of scope and timeline
- ✿ Coordinated across an agile, cross-functional team to synchronize code via Slack and Atlassian products (i.e. Jira, Bitbucket, Confluence), releasing features 2 times per week
- ✿ Troubleshoot software bugs to enhance user experience and maintain system integrity
- ✿ Utilized and designed both SQL (via MySQL, Alembic, SQLAlchemy) and NoSQL (via AWS DynamoDB, PynamoDB) databases to support scalability and efficient querying
- ✿ Conducted quality assurance checks through peer reviews to ensure clean code

EDUCATION

Bachelor of Science in Computer Science

🏢 Rose-Hulman Institute of Technology | 📍 Terre Haute, IN | 📅 08/2016 - 05/2020

- ✿ Implemented a Java application that accepts Java file(s) and outputs a string representing a corresponding UML diagram, identifying patterns and relationships
- ✿ Performed data mining on a large data set (via Python, Pandas, Jupyter Notebook, and D3) to determine trends in New York City restaurant sanitation scores
- ✿ Mentored students in class as a teaching assistant on Python robotics projects for 1 year

TECHNICAL SKILLS

- ✿ **Languages:** JavaScript (React, Redux, Tailwind), Python, HTML, CSS, Java, PHP, C
- ✿ **Databases:** SQL (MySQL), NoSQL (AWS DynamoDB, MongoDB, Neo4j, Redis)
- ✿ **Practices/Tools:** Docker, microservices, Git / GitHub, agile methodologies, Jira, Scrum, Jenkins, Visual Studio Code, Bitbucket, AWS Cloudwatch, Confluence

PERSONAL ACHIEVEMENTS

- ✿ Nominated for and completed an Inforum NextUP leadership workshop in 2021
- ✿ Passed the Japanese Language Proficiency Test (JLPT) N4 in December 2023
- ✿ Actively pursuing personal learning and skill growth while independently working on a project utilizing a MERN stack (MongoDB, Express, React, Node)
- ✿ **Hobbies:** linguistics, music, art, video games, motorcycling, urban exploration