

# Jacob Alexander Roberts

(270) 925-9610 | jacobroberts.dev@gmail.com | GitHub.com/jacobrobertsdev

## EDUCATION

---

### Bachelor of Science, Software and Data Engineering

May 2025 | GPA: 3.97

Bellarmine University | Louisville, Kentucky

Coursework: Programming Fundamentals, Object-Oriented Programming, Data Structures, Algorithms, Database Management Systems, Application Development, Software Design & Development, Machine Learning

### Cook Systems, FastTrack Program | Full Stack Development Training

April - June 2025

8-week training program focused on enterprise full stack software development

Technologies: Java, Spring Boot, Maven, JavaScript, Node.js, Angular, SQL, PostgreSQL, REST APIs, Git, GitHub

## SKILLS

---

- Languages: Java, JavaScript, HTML/CSS, SQL
- Libraries/Frameworks: Spring Boot, Angular, Node.js, Express, Vue.js
- Data/Platforms/Tools: Git, GitHub, Postman, Docker, NPM, VS Code, Eclipse IDE, AWS Lambda, PostgreSQL

## EXPERIENCE

---

### Full Stack Software Developer Trainee | Cook Systems, Inc.

April 2025 - Present

- Completed intensive 8-week full-stack development training, delivering on both individual and team projects
- Collaborated with a development team to build REST APIs, databases, user interfaces, and full stack applications
- Participated in daily standups to align on project goals, identify blockers, and ensure timely project delivery
- Engaged in code reviews with teammates, fostering additional collaboration and improving project outcomes
- Managed multiple project deadlines, delivering reliable solutions on schedule in a fast-paced environment
- Improved interpersonal and communication skills via group and individual professional development training

### Self-Employed | Independent Contractor + Harland Handmade USA

Dec 2020 - Jan 2025

- Established and sold an e-commerce business, managing website development and end-to-end operations
- Designed, developed, produced, and delivered private-label and bespoke handmade products
- Managed branding, marketing, supply chain, fulfillment, content creation, social media, and customer service

## PROJECTS

---

### SunSafe Road Scout (Python, Flask, JavaScript, HTML/CSS)

- Built a web app that maps roads with sun-glare hazards to improve motorist, cyclist, and pedestrian safety
- Created modules to query, filter, and return roads based on sun azimuth, sun phase, and road bearing
- Integrated external libraries and API's for geocoding, road data, sun data, bearing calculations, and mapping

### Social Media REST API (Java, Spring Boot, PostgreSQL)

- Collaborated with a team of three developers to build a Twitter clone RESTful API with 30 endpoints
- Implemented full CRUD functionality on Tweet, User, and Hashtag entities utilizing a layered architecture
- Maintained separation of concerns working across data access, service, and presentation layers
- Utilized Postman to test all endpoints, optimized input validations, and ensured appropriate error handling