

Nicholas Karneyenka

nicholas.karneyenka@gmail.com | (609) 592-3041 | Cumming, GA | [Portfolio](#)

WORK EXPERIENCE

Hack Forsyth Website (hackforsyth.com) 2025 – Present
Full Stack Developer Forsyth, GA

- A registration portal for our local Data Science Club's hackathon events.
- Develop mission-critical hackathon portal with Java/Micronaut and React.
- Ensure >99% uptime with Docker and automated health checks.
- Create CI/CD pipelines via GitHub Actions for reliable deployment.

BusyMap Forsyth (busymap.org) Nov. 2024 – Present
Founder & Lead Developer Forsyth, GA

- A platform offering both real-time, and historical, indoor occupancy data (using custom-built IoT sensors)
- Architect real-time data platform using Apache Camel and Mosquito for message routing.
- Design and deploy RESTful APIs with Spring Boot for live data interfacing.
- Manage hardware-to-cloud integration with local infrastructure.

Pool Management Group Jun. 2025 – Sep. 2025
Substitute Lifeguard (Summer Job) Roswell, GA

- Pool Management Group specializes in comprehensive aquatic facility management services, ensuring safety and quality for public and community pools.
- Ensured safety for 5-60 pool visitors per shift by vigilantly monitoring activities and adhering to safety protocols.
- Obtained Red Cross certification, through both online and in-person testing.
- Communicated with other lifeguards to manage shift replacement / scheduling ahead of time.

EDUCATION

West Forsyth High School Class Of 2028
• GPA: 4.2/5.0; Varsity Cross Country; Academic Excellence Award Cumming, GA

PROJECTS

HearTube Dec. 2025 – Present

- Developing a machine-learning based video auditory description platform for visually impaired individuals.
- Deployed local hosting large-language-models for rapid and cheap development
- Refined model context and prompts through custom in-house tests.

SKILLS & TECHNOLOGIES

- Skills: Java; Kotlin; JavaScript; TypeScript; SQL; Tailwind CSS; Responsive Web Design; Node.js; Express; RESTful APIs; Docker; Docker Compose; Portainer; Postgres; Git/GitHub; Linux (CLI); Bruno; SSH/Remote access; Microservices; Messaging Systems; Batching & Queuing Systems; Python
- Technologies: Spring Boot; Micronaut; Apache Camel; FastAPI; React