Yogesh Botcha

+1 (706) 912-0229 | EMAIL | LINKEDIN | PORTFOLIO

SUMMARY

Bring hands-on experience building Java applications connected to relational databases, with a focus on writing code that works reliably in real use. Improve systems through testing, debugging, and steady refinement while working well in team-based development environments. Continue learning and applying new skills to build software that stays stable, maintainable, and useful to the business.

EDUCATION

Columbus State University — Columbus, GA
Master of Science in Cybersecurity (Software and Network Systems Focus) — Aug 2024 – May 2026

Coursework: Computer Programming and Data Structures, Operating Systems, Intelligent Systems, Network Security, Digital Forensics, Network And Cloud Management

CMR Technical Campus — Hyderabad, India
Bachelor of Technology — Jul 2018 – Aug 2022

Coursework: C Language, Database Management Systems, Auto-CAD, Remote Sensing

TECHNICAL SKILLS

Programming And Development: Java, Spring Boot, Angular, HTML, CSS, Python, OOPS, REST APIs
Databases: SQL, MySQL, Relational Database Design, Query Optimization
Software Engineering: SDLC, Agile/Scrum, Unit Testing, Debugging, Code Reviews
Tools And Platforms: IntelliJ IDEA, Eclipse, VS Code, Git, Docker, Linux, CI/CD basics
Security And Infrastructure: Splunk, ELK Stack, Wireshark, VMware, Active Directory
Certifications: Java Full Stack, AWS Cloud Practitioner, Python, TryHackme Pre-Security

EXPERIENCE

Columbus State University — Columbus, Georgia
Student Research Assistant — Oct 2025 – Jan 2026

- Collaborated on a cybersecurity research project focused on advanced network intrusion detection methods.
- Developed and evaluated techniques to enhance system resilience against obfuscation and chaff-based evasion.
- Contributed to a research team at Turner College, a respected institution in Columbus, Georgia.

Columbus State University — Columbus, Georgia
Graduate Administrative Assistant — Jan 2025 – Present

- Analyzed academic-program datasets (5K+ records) using Excel (PivotTables, Power Query) and Python (pandas, NumPy) to identify operational risks, data-quality control gaps, and compliance issues; improved reporting cycles by 15 percentage.
- Built interactive KPI dashboards in Tableau and Power BI for 4 academic departments, automating performance and compliance monitoring, and reducing manual reporting time by 20 hours/month.
- Contributed to university AI/ML research projects by cleaning datasets, fine-tuning Large Language Models (LLMs).

Kyndryl — Hyderabad, India
Technical Support Analyst - Senior Agent — Oct 2023 – June 2024

- Resolved high-severity IT and network incidents using structured troubleshooting.
- Conducted advanced network troubleshooting (TCP/IP stack analysis, packet inspection, VPN connectivity), ensuring SLA compliance and minimal downtime across enterprise IT environments.
- Performed root-cause analysis and documented remediation processes.

Shanti Switchgears Private Limited — Hyderabad, India
Java Developer Intern — Jun 2022 – Jun 2023

- Developed Java Spring Boot backend services supporting REST APIs and database integration.
- Wrote reusable, maintainable code following object-oriented design principles.
- Debugged and remediated application defects to improve system reliability.
- Participated in Agile sprint collaboration and peer code reviews.
- Assisted with deployment and production issue troubleshooting.

PROJECTS

WorkOnWheels - Full Stack Web Application | Personal Project
- Developed a Java Spring Boot and Angular platform for vehicle service scheduling with SQL database integration, enabling automated booking workflows and real-time service tracking. Focused on clean architecture, REST APIs, and reliable backend logic to support scalable user interactions.

Daily Schedule Tracker Website | Personal Project
- Built a web-based task and schedule management system using Java and frontend technologies to help users organize daily activities with persistent database storage. Designed intuitive interfaces and backend services that support CRUD operations and smooth workflow management.

Builder Company Website | Personal Project
- Created a responsive business website for a construction company featuring service listings, client inquiry forms, and dynamic content management. Emphasized performance, usability, and maintainable code structure to deliver a professional production-ready application.

AI Voice Agent | Personal Project
- Built an intelligent voice agent integrating speech recognition, language generation, and text-to-speech modules with custom voice cloning for real-time, natural human-AI conversations.

EXTRACURRICULARS

- GSAC member, Columbus State University (Fall 2024 - Present).

- President, India Club at CSU (Fall 2024 - Present).

- E-Board member, International Club at CSU (Fall 2024 - Present).

- Joint Secretary and Dance Choreographer, Akriti Cultural Club, CMRTC.

- Junior Secretary, Mechanical Engineering Students Association, CMRTC.