BHAVANA BRAMARAM GURRAM

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EDUCATION

University of Texas at Dallas — Jan 2023 – Dec 2024
Masters in Computer Science, CGPA 3.91 — *Dallas, TX*

National Institute of Technology, Andhra Pradesh — Jun 2017 – May 2021
Bachelor of Technology, Computer and Science Engineering — *Andhra Pradesh, India*

EXPERIENCE

Software Developer — Feb 2025 – Present
Paycom — *Dallas, TX*
- Designed, developed, and tested complex desktop and web applications using C#, .NET, and MySQL to automate tax reporting and filing workflows across all 50 U.S. states and 4 international regions, supporting compliance for 10,000+ clients on Paycom's HCM platform.
- Designed and processed XML and PDF tax documents, including schema design and configuration for regulatory filings, ensuring compliance with federal and state-specific formatting requirements.
- Collaborated with product managers and tax compliance teams to translate business and technical requirements into functional specifications, test cases, and production-ready solutions.
- Implemented automation and process improvements that reduced manual effort by 67%, improving efficiency and accuracy during peak filing periods.
- Partnered with cross-functional teams to meet stringent SLA, regulatory, and audit requirements for mission-critical tax systems

Software Developer Intern — May 2024 – Aug 2024
Paycom — *Dallas, TX*
- Built a full-stack survey platform to automate recruitment feedback collection and analysis for HR teams, improving efficiency and data accuracy across the hiring workflow.
- Developed and deployed end-to-end automation using C#, React, and MySQL, including email distribution, data storage, and an analytics dashboard to provide actionable insights for decision-making.

Student Assistant — Feb 2023 – Dec 2024
University of Texas at Dallas — *Dallas, TX*
- Supported and mentored 100+ undergraduate students by collaborating with professors to create and grade assignments, providing detailed feedback, and ensuring accurate assessment of coursework.
- Instructed 45+ students in Java, Python, and JavaScript, teaching core concepts such as Object-Oriented Programming, Data Structures, and Operating Systems, strengthening students' practical programming skills.

Software Developer — Jul 2021 – Dec 2022
Deloitte USI Consulting — *Hyderabad, India*
- Worked as a Developer on state government projects including Kentucky's healthcare information exchange (KHIE) and briefly contributed to New Mexico's ASPEN (Automated System Program and Eligibility Network) benefits eligibility platform.
- Developed major automation services for onboarding using Java, MQExplorer and DB2 which reduced manual work by 300hours/month by the Maintenance and Operations team.
- Developed a patient notification service using IIB, Datapower and DB2 for hospital providers transmitting over 400k notifications per month.
- Worked on various SOAP and REST services to strip off sensitive data, provide alerts and onboard necessary organizations.

PROJECTS

BudgetWise - Expense Tracking & Budget Management System — Mar 2025 – Apr 2025
Spring Boot, React, MySQL
- Built full-stack expense tracking application using ASP.NET Core, React, and MySQL with JWT authentication, enabling users to manage budgets and track spending across multiple categories
- Developed real-time analytics dashboard using LINQ and React Context API to visualize spending patterns and budget performance with interactive charts
- Implemented repository pattern with Entity Framework Core migrations and async operations to ensure scalable data access and optimal performance

E-Beats Mobile Application — Oct 2019 – Nov 2019
Android Studio, Firebase Database
- Developed a mobile application to streamline patrolling processes for the Andhra Pradesh police department.
- Implemented features allowing senior officials to remotely monitor patrol completion status, enhancing operational efficiency.
- Contributed to a 10% reduction in departmental workforce and time expenditure through application implementation.

SKILLS & INTERESTS

Languages: Java, C#, Python, SQL Server, JavaScript, TypeScript, HTML, CSS, C/C++

Frameworks: React, Node.js, Spring Boot, AWS, IIB, DataPower, MQExplorer

Developer Tools: Git, VS Code, Visual Studio, IntelliJ, Eclipse, JIRA, Visual Studio Code