

## BHAVANA BRAMARAM GURRAM

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### EDUCATION

#### University of Texas at Dallas

*Masters in Computer Science, CGPA 3.91*

Jan 2023 – Dec 2024

Dallas, TX

#### National Institute of Technology, Andhra Pradesh

*Bachelor of Technology, Computer and Science Engineering*

Jun 2017 – May 2021

Andhra Pradesh, India

### EXPERIENCE

#### Software Developer

Paycom

Feb 2025 – Present

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.

#### Business Technology Analyst

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

- Implemented Repository Pattern and Service Layer for clean separation of concerns
- Created RESTful API with JWT authentication and authorization
- Designed SQL Server database schema with Entity Framework Core Code-First migrations
- Developed responsive React UI with real-time budget analytics and data visualization

#### 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