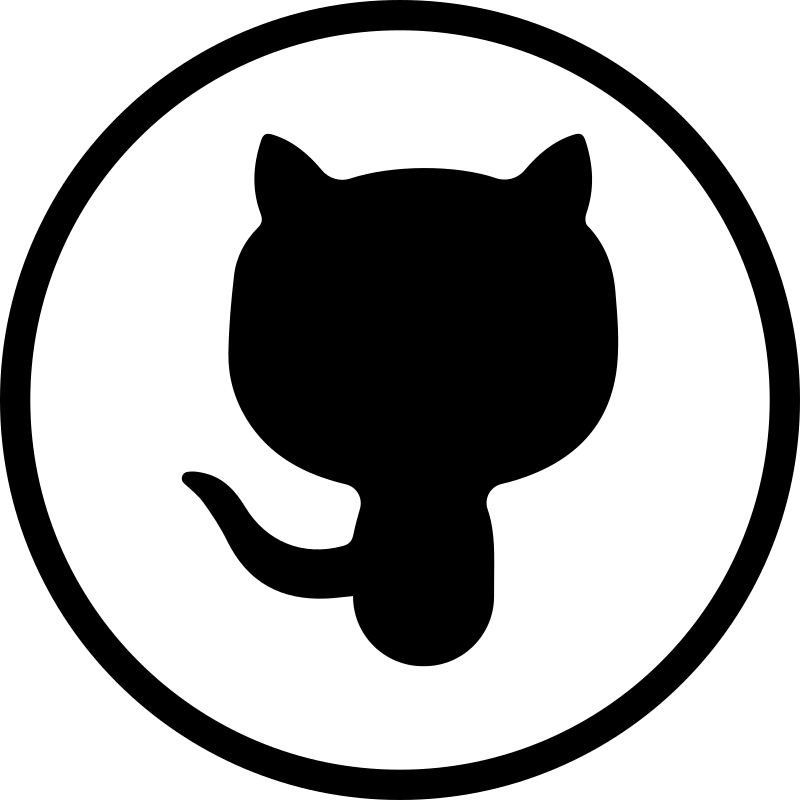
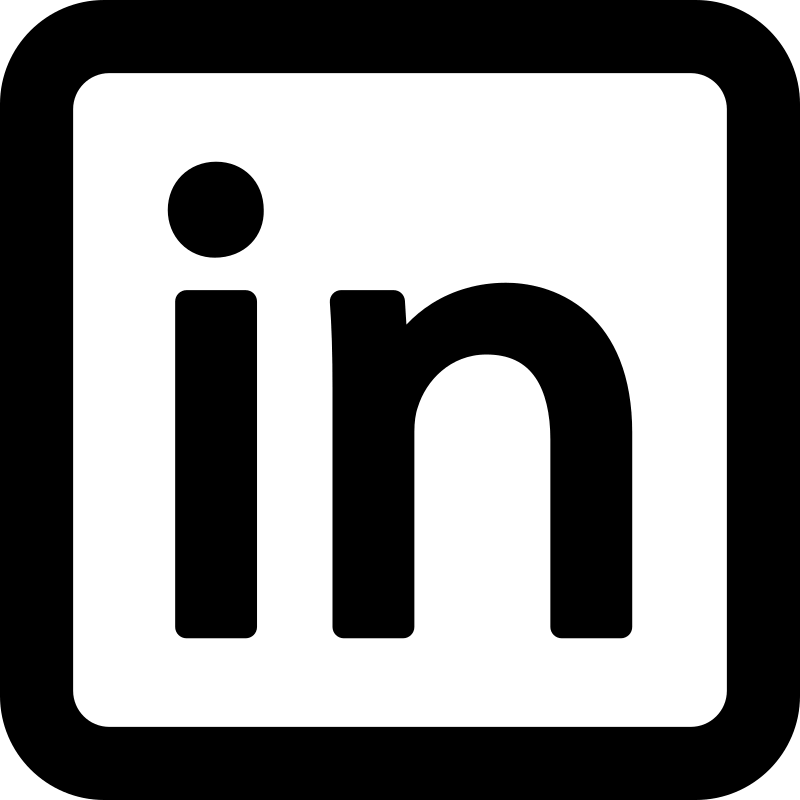
BAJJURI VAMSI KRISHNA

Kalasalingam Academy of Research and Education BTech - Computer Science - (2022-2026)

CGPA: 8.14

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# PROFESSIONAL SUMMARY

# Results-oriented Computer Science undergraduate with a strong foundation in Python programming, SQL, and full-stack web development. Experienced in building and deploying backend applications using Django, designing relational databases, and developing responsive web interfaces with HTML and CSS. Knowledgeable in RESTful APIs, database integration, and data-driven application development. Currently focused on enhancing problem-solving skills through DSA and preparing for industry-level software development roles.

# TECHNICAL SKILLS

# **Programming Languages:** Python, SQL, HTML, CSS, JavaScript (basic)

# **Web Development:** Django, RESTful APIs, Template Rendering, Form Handling, Authentication

# **Database Management:** MySQL, SQLite, Database Design, CRUD Operations, Joins, Aggregations

# **Frontend Technologies:** HTML5, CSS3, Bootstrap (basic), Responsive Layouts

# **Backend & Server-side:** Django ORM, URL Routing, Middleware, Session Management

# **Version Control & Tools:** Git, GitHub, VS Code

# **Problem Solving:** Data Structures and Algorithms in Python (Lists, Stacks, Queues, Recursion, etc.)

# **Soft Skills:** Communication, Teamwork, Time Management, Presentation Skills (under placement prep)

# PROJECTS

**URL SHORTENER WITH ADVANCED ANALYTICS (Django, SQLite, Matplotlib)**  
Engineered a scalable URL shortener in Django with user authentication, QR code generation, and time-based expiration for secure link sharing.  
Implemented redirection logic and real-time click tracking to monitor user activity across generated links.  
Enabled personalized dashboards with Matplotlib charts, providing insights into click trends, device types, and referral sources.  
Boosted marketing campaign tracking by offering shareable short links with detailed analytics per user session.

**BILLING SYSTEM FOR SMALL BUSINESSES (Python & MySQL)**  
Developed an automated billing system using Python and MySQL to streamline invoice generation, customer management, and payment tracking for small enterprises.  
Integrated ReportLab for professional PDF invoice creation and Matplotlib for a real-time sales dashboard.  
Improved billing efficiency by 70% and enabled data-driven insights through visualized revenue trends and customer analytics.

# ADDITIONAL INFORMATION

Languages: English, Telugu