HEMANTH PASUPULA

Charlotte, NC | hpasupul@charlotte.edu | +1 (704) 387-9399 | GitHub | Linkedin | Portfolio

SKILLS

Languages: JavaScript (ES6+), C++, C, Python
Backend: Node.js, Express.js, REST APIs, Authentication & Authorization (JWT, RBAC)
Databases & ORM: PostgreSQL (Postgres), MySQL, Prisma ORM
Frontend: React.js, HTML5, CSS3, Bootstrap, EJS, Axios, jQuery
Tools: Git, GitHub, VS Code, Postman
Soft Skills: Leadership, Communication, Teamwork, Attention to Detail

PROJECTS

E-Commerce Cricket Website | *Project Lead and Backend Developer*   Oct 2024 – Nov 2024
Tech Stack*:* Express.js, Node.js, EJS, HTML5, CSS3, Bootstrap, MySQL
- Led development of a cricket e-commerce platform for selling equipment, posters, and merchandise.
- Implemented **user authentication**, login, and shopping cart functionality, enabling a seamless purchasing experience.
- Built backend with **Express.js** and **Node.js**, using **EJS templates** for dynamic, server-rendered pages.

Hotel Booking API | *Project Lead & Backend Developer*   [*Live API*]   Nov 2025 – Dec 2025
Tech Stack: Node.js, Express.js, PostgreSQL, Prisma, JWT, Swagger, Postman
- Led development of a collaborative backend REST API supporting room management, bookings, and user authentication.
- Designed and implemented a secure **RESTful backend** using **Node.js** and **Express**, with **JWT-based authentication** and **role-based access control (RBAC)** for hotel room and booking workflows.
- Documented and tested **REST APIs** using **Swagger** and **Postman**, and deployed the backend to a production environment to support end-to-end request flows.

Portfolio Website | *Personal Project*   [*Live Link*]
Tech Stack: HTML5, CSS3, Bootstrap, CSS Animations
- Designed and developed a **fully responsive portfolio** applying modern graphic design principles.
- Ensured **cross-device compatibility** and visual consistency with **Bootstrap**.
- Integrated **smooth CSS animations** for improved interactivity and user experience.

EXPERIENCE

Lead Operational Assistant | *Promoted from Operational Assistant***,** *Part-Time, On-Campus Employment*
Jan 2025 – Present
UNC Charlotte – Popp Martin Student Union & Cone Center
- Train and mentor new hires to ensure smooth onboarding, strong performance, and consistent standards.
- Coordinate weekly staff schedules, conduct interviews alongside supervisors to hire new employees, and lead team meetings to review tasks and share feedback.
- Collaborate with supervisors and team leads across departments to align operations, plan events, and maintain efficient building management.

EDUCATION

University of North Carolina at Charlotte – *Charlotte, NC, USA*
Master of Science in Computer Science   *Expected May 2026*
GPA: 3.77
Coursework: Algorithms & Data Structures, Artificial Intelligence, Backend Application Development

Jawaharlal Nehru Technological University – *Hyderabad, India*
Bachelors of Technology in Computer Science & Engineering   *Jul 2022*
Coursework: Web Development, C++ Programming, Software Engineering