Akash SakthiMurugan

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EDUCATION

SSN COLLEGE OF ENGINEERING
B.Tech Information Technology
Kancheepuram, Tamil Nadu
Cum.GPA: 8.2 | Grad: Jul 2026

BHASHYAM JUNIOR COLLEGE
HSC
Rajahmundry, Andhra Pradesh |
PERCENTAGE: 97.3

LINKS

Github: // akash768145s
LinkedIn: // Akash SakthiMurugan
Coding Profile: // akash2705s

COURSEWORK

- Data Structures
- Algorithms
- Object Oriented Programming
- Design Patterns
- Database Management Systems
- Networks
- Operating Systems

SKILLS

LANGUAGES
- C/C++ • Python • TypeScript
- HTML5 • CSS • Javascript

FRAMEWORKS
- NextJS • Django • Flask
- ExpressJs

DATABASES
- SQL/MySQL • MongoDB
- Firebase

LIBRARIES
- Numpy • Pandas • ReactJs

TOOLS
- VSCode • GitHub • Shadcn
- Aceternity UI • Sass
- Node Package Manager

EXPERIENCE

DIGENIE | Web Developer Intern (Remote)
Apr 2024 – Jun 2024 | Chennai, Tamil Nadu
- Built and maintained web applications using **Next.js**, ensuring high performance and **scalability**.
- Contributed to client projects, including **Sri Hospitals**, **Digenie**, and **Spice N Oil**, delivering robust websites hosted via **Netlify**, **Vercel**, and **Hostinger**.
- Created **style guides** to enhance **consistency** and **maintainability** across projects.
- Received **stipend** for the contributions and impact during the internship.

PROJECTS

STUDENT GRADE ANALYSIS | </> Code | ◼◤ Demo
NextJs | ExpressJs | ReactJs | Firebase | ChartJs
Apr 2024 – Jun 2024
- Optimized academic performance tracking by implementing detailed pass/fail analysis, **CGPA/GPA calculations**, and student rankings.
- Integrated **Excel data** into the web application via **Firebase**, enabling advanced **data visualization** and enhanced insights.
- Enabled data-driven decision-making for educators and administrators by developing **interactive dashboards** and detailed reports, enhancing strategic planning and operational efficiency.

STAY SAVVY | </> Code
NextJs | React.Js | TypeScript | PostgreSQL | PrismaDB
Feb 2024 – Present
- Designed a **hotel management system** with **secure authentication** and **scalable performance**.
- Developed features for **hotel and room management**, including **booking workflows** and **interactive forms**.
- Implemented **date range validation**, **search logic**, and **location filters** to enhance **booking accuracy** and **responsiveness**.

BLOOD MANAGEMENT SYSTEM | </> Code | ◼◤ Demo
Flask | SQLite
Nov 2023 – Dec 2023
- Streamlined the **blood donation and donor management system** to facilitate user **registration**, **blood donation**, and **donor search**.
- Implemented features to **track blood type**, **donation volume**, and **contact details** for efficient data management.
- Enabled admin to **oversee inventory**, **manage profiles**, and **send donation request notifications** for effective system oversight.

CERTIFICATIONS

- The Complete 2024 Web Development Bootcamp | ⚭ Link
- Beginning C++ Programming - From Beginner to Beyond | ⚭ Link
- The Complete SQL Bootcamp: Go from Zero to Hero | ⚭ Link
- Privacy and Security in Online Social Media | ⚭ Link