

Sahil Kumar

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SUMMARY

BSCS student (3rd Year, expected 2027) with hands-on full-stack experience . Built end-to-end web/mobile applications, including a real-time voting system and a deep-learning salary predictor. Seeking a web/mobile development internship to contribute production-level front-end and back-end skills to a fast-moving team

SKILLS

Web Development: React.js, JavaScript, Node.js, Flask , REST API, HTML/CSS

App Development: React-Native, TypeScript

Language: Java, Python, C#, ASP.NET

Databases: MySQL, PostgreSQL, SQL Server, MongoDB

Tools: Git/GitHub , VS Code , IntelliJ , Android Studio , Anaconda

EDUCATION

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology Karachi (SZABIST)

Bachelor of Science in Computer Science — Expected 2027

CGPA : 3.04/4.00

Relevant coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Design, Web Technologies, Software Construction & Development, Artificial Intelligence, Operating Systems, Hybrid Mobile Application Development

PROJECTS

PayPredict — Salary Prediction Neural Network [Live Link](#)

Python · PyTorch · Pandas · Matplotlib · Flask

- Built a deep learning regression model in PyTorch to predict employee salaries from position-level data.
- Applied feature scaling, train/test splitting, and network optimization to improve prediction accuracy by 91%.

MealSync — AI-Powered Catering Management System [Live Link](#)

ASP.NET Core MVC · Entity Framework Core · SQL Server · REST APIs · HTML/CSS/JavaScript

- Built a multi-tenant catering platform in NestJS + React serving hospitals and universities from one codebase, with JWT-based tenant isolation and 6 role-based permission levels.
- Integrated Google Gemini across 4 AI features — menu generation, allergy conflict detection, procurement forecasting, and waste analysis — each backed by a deterministic fallback for 100% uptime.

Akash Medicine House — Pharmacy Business Website [Live Link](#)

JavaScript · HTML · CSS · Bootstrap · Figma

- Designed and developed a responsive business website for pharmacy.
- Focused on clean UI/UX to enhance the digital presence of a local business.

SmartVote — Online Voting System Website [Github](#)

ASP.NET Core MVC · Entity Framework Core · SQL Server · REST APIs · HTML/CSS/JavaScript

- Built a secure full-stack voting platform with role-based admin panel, voter registration, election management, and a real-time results dashboard.
- Designed and implemented REST API endpoints to handle concurrent voting requests while maintaining data integrity.

FixKarachi — Civic Issue Reporting Mobile App [Github](#)

React-Native · TypeScript · JavaScript · HTML/CSS

- Developed a civic-reporting mobile app where residents can report local issues (broken roads, water leakage) with an admin panel to track status across in-progress, resolved, and pending states.
- Designed the admin dashboard to give city staff a consolidated view of all reported issues, reducing the manual effort of tracking citizen complaints across separate channels.

EventSphere — University Event Management Mobile App [Github](#)

React-Native · TypeScript · JavaScript · HTML/CSS

- Built a cross-platform mobile app in React Native and TypeScript enabling students to browse and register for university events, with a separate admin role for full event CRUD management.
- Implemented role-based access (student vs. admin) and a registration flow, structuring reusable components to support two distinct user experiences in a single codebase.

LEADERSHIP & EXPERIENCE

Tech Core Director | Zabefest, SZABIST University 2026

- Coordinated a 6–10 member technical team to manage event systems and digital infrastructure of 300-1000 participants for Zabefest.

Marketing Director | ACM Society, SZABIST University 2025-2026

- Increased student engagement by leading a 6–10 person marketing team through multi-channel promotional campaigns.

Brand Ambassador | Developers Day, FAST University 2026

- Expanded event by representing Developers Day to the student tech community through direct outreach and peer engagement.