Boran Sac

Email : boransc04@gmail.com
Mobile : 07596206922
Website: boransc.github.io

EDUCATION

University of Hertfordshire — Hertfordshire, England
First Class Degree - Bachelor of Science with Honours in Computer Science; GPA: 4.00 — *Sept. 2022 – June. 2025*

Highlands School — Enfield, London
A-level Maths: A; A-level Computer Science: A; A-level Physics: B — *Sept. 2020 – July. 2022*

EXPERIENCE

Safeguard-Me — Remote
Full Stack Developer — *Jan 2025 – July 2025*

- **Full-Stack Development**: Designed and built responsive admin interfaces using React and SCSS, and connected them to MongoDB-based backend via Express.js.
- **Stripe Integration**: Integrated Stripe API to support secure credit-based transaction tracking and payment management.
- **Data Visualisation**: Implemented real-time analytics dashboards using chart components to visualise credit usage trends and recent user activity.
- **Role-Based Access Control**: Developed access management features to restrict or grant permissions based on admin roles .
- **REST API Development**: Built and consumed RESTful APIs to support dashboard functionality, data updates, and secure operations.
- **Team Collaboration**: Worked closely with frontend and backend teammates to manage feature development, resolve bugs, and conduct testing.
- **Testing and Debugging**: Performed UI validation, bug tracking, and functional testing to ensure a reliable admin experience.
- **Version Control**: Used Git and GitHub for version control, issue tracking, and collaborative development workflows with over 100 commits and resolved 10 conflicts during PRs.

University of Hertfordshire — Hatfield, UK
SPECS Proctor (Lab Assistant & Student Support) — *Oct 2023 – Apr 2025*

- **Student Support**: Provided lab guidance and academic assistance to over 500 students, contributing to a better learning experience.
- **Event Coordination**: Helped organise university Hackathons and Open Days with 2000 participants, ensuring smooth logistics and guest experience.

Greggs Distribution Centre — London, UK
Warehouse Operative — *Apr 2023 – Oct 2023*

- **Inventory Management**: Maintained 1000 inventory logs, shipment records, and performed quality control on incoming/outgoing stock.

PROJECTS

- **System Admin Dashboard**: Built a full-featured system admin dashboard for a safeguarding platform using React, Node.js, MongoDB, SCSS, and the Stripe API. Included real-time charts, role-based access control, and credit tracking tools.
- **Health Data Analysis**: Conducted an end-to-end health data analysis project in Python. Used pandas, scikit-learn, and Matplotlib to clean data, apply PCA/SVM models, and visualize diabetes risk factors for public health insights.
- **TaskMaster Productivity App**: Designed a gamified mobile task management app in Flutter using Firebase for authentication. Included features like recurring tasks, reminders, calendar view, and a habit-building game mechanic.
- **Depot Parcel System**: Java desktop app simulating a parcel depot with user collections and storage logic. Developed with MVC and Singleton patterns using Java Swing, with clear separation of concerns and GUI responsiveness.

Programming Skills

- **Languages**: Python, JavaScript, Java, Dart, TypeScript, SQL
  Frontend Technologies: React, Flutter, SCSS, HTML, CSS, TailwindCSS
  Backend & Databases: Node.js (Express), Firebase, MongoDB
  Tools & DevOps: Git, GitHub, VS Code, CI/CD, Figma