

KUBRA NOOR

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Education

University of Central Punjab — Lahore

Bachelor of Science in Software Engineering

Certifications

- Code Soft C++ Developer
- The Complete 2024 Web Development Bootcamp
- Software Testing Tools (Selenium & Katalon Studio)

Projects

Vistelligence – AI-Based Visa Predictor Web Application | [GitHub](#) October 2024 – July 2025(In progress)

- Spearheaded design and launch of Vistelligence, a one-stop AI-powered visa guidance platform integrating seven modules (registration, profile, search, prediction, interview prep, cost estimator, community) to deliver 75–80% approval-prediction accuracy
- Authored three component interface specs and four UML-driven REST API flows (Authentication, Visa Recommendation Engine, Community, Admin), enabling modular architecture and cutting developer onboarding time by 50%
- Developed and executed 20 IEEE-compliant test cases across all functional modules, uncovering 2 critical defects in registration/authentication and verifying zero defects in Profile and Admin workflows
- Standardized documentation with 13 UML diagrams (activity, swimlane, collaboration) and IEEE-style deliverables in GitHub, streamlining stakeholder reviews and reducing revision requests by 40%

Portfolio Website | [GitHub](#)

April 2025 – May 2025

- Architected a modular React.js portfolio with Tailwind CS; orchestrated utility-first components to ensure consistent, mobile-first performance; achieved a polished UI that elevated my personal brand
- Augmented engagement by integrating Swiper.js carousels and Lucide-react icons; configured dynamic slideshows and scalable graphics to streamline navigation; boosted session interactivity and content discovery
- Integrated immersive demos using HTML5 video embeds with custom overlays and hover-triggered controls; crafted guided viewing experiences that underscore UX precision; delivered polished presentations of my work
- Shaped narrative “About Me” and “Why Me?” sections via React state management and Tailwind animations; arranged responsive layouts and interactive elements; conveyed both technical expertise and personal story through a cohesive user journey

Tour Explorer Platform – Web & Mobile Tour Booking System | [GitHub](#) August 2024 – September 2024

- Pioneered a unified Tour Explorer Platform that consolidates destination discovery, tour reservations, and live guide chat into a responsive React.js web SPA and Android app, delivering an intuitive end-to-end travel planning experience
- Implemented a robust backend using Node.js REST APIs and MongoDB to secure authentication, streamline session management, and scale booking data storage—ensuring consistently rapid, reliable API responses
- Harnessed real-time WebSocket channels and a PCI-compliant payment gateway to enable secure transactions and instant guide support, increasing user trust and satisfaction throughout the booking journey
- Orchestrated deployment via automated CI/CD pipelines to cloud infrastructure with global DNS routing, guaranteeing 24/7 availability and seamless access for travelers worldwide

Banking System | [GitHub](#)

15 April 2024 – 2 May 2024

- Implemented a Java-based bank system with modular Validators (AccountCreation, Deposit, Withdrawal, Transfer, APR, TimePass) to enforce business rules and handle invalid commands.
- Authored and executed 120+ manual test cases (deposit/withdrawal limits, overdrafts, APR accruals, CD rules), logging defects to refine validation logic.
- Built a JUnit suite with 95(Maven CI, GitHub Actions) for automated regression testing.
- Created UML diagrams and managed bugs/enhancements in JIRA within Agile sprints to drive continuous quality improvements.

Technical Skills

Languages: JavaScript (ES6+), Java , C++ , HTML5 , CSS3

Frameworks & UI Libraries: React.js , RESTful APIs , Tailwind CSS , Swiper.js , Lucide-react

Data & Databases: PostgreSQL , MySQL , MongoDB

DevOps & Tools: AWS , Git , GitHub Actions (CI/CD) , Postman , Swagger/OpenAPI, Selenium, Katalon Studio, IntelliJ IDEA, VS Code ,Jupyter Notebook, Excel, Jira, Agile (Scrum) and UML diagrams