

EDUCATION

- **Lahore University of Management Sciences (LUMS)** Lahore, Pakistan
Bachelor of Computer Science - BCS *Aug 2016 – May 2020*

EXPERIENCE

- **Strategic Systems International - SSI** Lahore, Pakistan
Senior Software Engineer *July 2022 - Present*
 - **Responsibilities** : Working and coordinating in an agile environment comprising of cross-functional teams, based on SAFe principles focused on delivering value in the form of features that directly impacted the end users.
 - **Tasks** : Helping the client in retaining and attracting the customers and outmanoeuvre competition by efficiently delivering functional and non functional requirements.
 - **Technologies** : AWS, Docker, Kubernetes, Node.js, Express.js, Vue.js, Vuex, Socket.io, Redis, BullMQ, Git, MySQL.
- **Strategic Systems International - SSI** Lahore, Pakistan
Software Engineer *June 2020 - June 2022*
 - **Responsibilities** : Used my technical expertise for resolution of bugs and incidents reported directly by the end customers and the QA team. Assisted feature development team by developing modules of features and writing unit tests for different modules for CI/CD pipeline.
 - **Tasks** : Resolved the bugs that impacted the functionality and performance of the application. Helped in optimizing the application by critically observing the interaction between different (micro)services through AWS and New Relic. Developed data scraping tools that significantly reduced time complexity of data i/o operations.
 - **Technologies** : Python, Selenium, AWS, Docker, Node.js, Express.js, Vue.js, Vuex, MySQL, Git, New Relic.

PROJECTS

- **Property Management Software (2020 - present):**
 - Worked on feature development, bug resolution and e2e test automation for a pilot fintech project.
 - Made use of my expertise in Node.js, Express.js, Vue.js, Vuex, Jasmine.js, Socket.io, Redis, BullMQ, MySQL, AWS and Docker.
 - Enabled self storage managers to operate efficiently by developing a PMS that truly meets their needs.
- **Application Centric Edge Computing Analysis (2019):**
 - Performed latency specific analysis of edge computing infrastructure and developed a benchmark application - inverted pendulum.
 - Used Python3 and its libraries like pygame, scipy.linalg etc for implementation of benchmark application.
 - Helped in decomposing a monolith application so that latency specific computations can be carried on edge rather than cloud.

SKILLS

- **Languages:** Python, Javascript, C++, SQL, HTML, CSS
- **Frameworks & Libraries:** Node.js, Express.js, Vue.js, Vuex, Vuetify, React, Redux, Jasmine.js, Socket.io, Redis, BullMQ, Selenium, Pygame, SciPy, Flask
- **Databases:** MySQL, MongoDB, Firebase, PostgreSQL
- **Technologies & Tools:** Git, AWS, Docker, Kubernetes, Heroku, Jira, Slack, Jupyter Notebooks

ACHIEVEMENTS & HONOURS

- Batch representative of science and engineering school (SBASSE) in LUMS Students Council 17-18
- Director of marketing department of ESL - gaming society of LUMS
- Assistant event head PsiFi - Biggest Science Olympiad of Pakistan
- Batch topper in matriculation with 96% marks - Multan Board
- Merit scholarships with 100% fee waiver - Matriculation & F.Sc