

PRASHANT SAH

prashantsah567@gmail.com | 929-343-0169 | New York, NY (Willing to Relocate) | [GitHub](#) | [Portfolio](#) | [LinkedIn](#)

Education

CUNY (City Tech) – New York, NY

August 2022 – December 2023

Bachelor of Technology (BTech) - Computer System (Software Development Track), GPA – 3.87

Relevant coursework: Data Structure and Algorithm, Application Development with Database (Java, Oracle DB), Dynamic Web Development (JSP & Servlet), Object Oriented Design, Software Development with .NET, Intro to NoSQL, Project Management

CUNY (LaGuardia CC) – New York, NY

September 2020 – June 2022

Associate in Applied Science (AAS) – Programming and Software Development, GPA – 3.97 (Summa Cum Lauda)

Relevant coursework: Web Development I & II, Database Concept and Programming (MySQL), Object Oriented Programming, Unix Network Operating System, Advance C++ Programming, System Analysis and Design, App Development for Android & IOS

Professional Experience

COMCAST – Software Engineer Intern

May 2023 – August 2023

- Led the evolution of video dimension ad request prediction and viewership forecasting by successful utilization of AWS technologies (S3, Athena, Glue), and Terraform that led to the development of QuickSight dynamic dashboard
- Achieved a remarkable 83% code coverage by writing comprehensive test cases using unittest and pytest frameworks, ensuring the accuracy of data retrieval and metrics calculation
- Automated ETL processes using Python, boosting efficiency by 20%, enhancing data processing speed and accuracy
- Facilitated team collaboration with Git for version control, ensuring a smooth CI/CD pipeline via Tektons on Kubernetes

CODEPATH – Web Development Fellowship

January 2023 – April 2023

- Developed a strong foundation in JavaScript and React by building several applications from scratch, including an Event Finder app that utilizes an SeatGeek API to retrieve real-time event data across the US and Canada
- Mastered Supabase for database operations, including creating tables, schemas, and performing various CRUD operations
- Demonstrated problem-solving skills by debugging, issue resolution, and implementing features based on project needs

STARTUP ECOLOGY – Software Engineer Intern

June 2022 – August 2022

- Developed an engaging game with JavaScript and React Framework, embodying the company's culture and services while maintaining clean and well-documented code
- Elevated promotional efforts with the interactive game, resulting in a 50% increase in user engagement which contributed to a substantial annual growth rate of the company by 20%, establishing a more robust market presence

CRSP - Machine Learning Researcher - [View](#)

September 2021 – August 2022

- Designed and implemented a machine learning model using ensemble techniques and unsupervised methods to detect outliers with an accuracy of up to 93% for data from Wireless Sensor Networks
- Lead author of a published academic paper of this research, contributing valuable insights to the field of anomaly detection

Projects

Student Enrollment System (Java EE, JSP & Servlet, MySQL, MVC - [View](#))

- Orchestrated the development of a robust Java-based Enrollment System, leveraging advanced Java Servlets and Java Server Pages (JSP) to create a seamless and secure user experience
- Crafted intricate MVC architecture, ensuring a modular and scalable codebase, fostering maintainability and extensibility
- Integrated MySQL as the backend database, optimizing data interactions with JDBC for performance and reliability

Auto Rental Management System (C#, .NET Framework, MS SQL Server - [View](#))

- Designed and developed a 4-tiered server-client 'Auto Rental Management System following Agile methodology
- Developed a detailed project document, covering requirements, conceptual and logical models, data dictionary and used it to implement the database and validate the physical schema design, and created UI, Business class and DA layer following it

Languages, Skills and Technologies

Java, JSP, Servlet, Beans, Spring, C#, .NET, Python, PHP, JavaScript, HTML, CSS, React.js, Node.js, SQL, MySQL, MS SQL Server, NoSQL, MongoDB, Microservices, MVC, OOP, Linux, Git, SDLC, Agile, CI/CD, TDD, RESTful APIs, AWS, Eclipse, Visual Studio, VSC

Interests and Hobbies – ML/AI, Mathematics, Trading, Gym, Hiking, Space Movies, Country Music