Ankit Pradeep Patel

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OBJECTIVE

Highly motivated and adaptable individual seeking to contribute skills for the benefit of the company. Proficient knowledge of various tools and technologies used to develop applications.

EDUCATION

M.S. Computer Science | Binghamton University, SUNY   **Aug 2017 - May 2019**
B.E. Information Technology | University of Mumbai, India   **Aug 2013 - May 2017**

TECHNICAL SKILLS

Languages	**:** Java, Python, JavaScript, C, SQL, PL/SQL.
Technologies	**:** Spring, Spring Boot, Spring MVC, Spring Data, JAX-RS, JSP, Servlets, JUnit 5.
Databases	**:** MySQL, Oracle, Apache Derby.
Tools	**:** SQL Plus, VS Code, GitHub, Spring Tool Suite, Eclipse IDE, Postman, MS Office, SAS, Tableau.
Additional	**:** HTML, CSS, Bootstrap, JDBC, Web Application Development, Data Modeling, Linux, Data Analysis.
Certification	**:** Oracle Certified Professional Java Programmer, SAS Programming (Coursera).

WORK EXPERIENCE

Technical Support | Binghamton University, SUNY   **June 2018 - May 2019**
- Provided desktop computer support to faculty, staff, and students of the School of Management; responded to calls and emails; diagnosed and solved hardware and software problems and managed equipment inventory
- Ensured proper functioning of office and classroom equipment by performing updates and checkups every month

PROJECTS

Banking Application   **Binghamton University, May 2019**
- Developed an application to create a bank account and perform all the bank operations; integrated data using DAO Support classes; implemented connection pooling using Apache Commons DBCP
- Developed a REST API using Spring Boot and performed CRUD operations using Spring Data JPA
- **Tech Stack:** Spring, Spring Boot, Spring Data JPA, Java, SQL, JDBC, Apache Derby, Maven, Postman

Student Registration System   **Binghamton University, Sept 2018 - Nov 2018**
- Developed a web application to register a student; implemented complex SQL queries to store and retrieve information; used Java Servlets for back end processing and database connection; developed UI using JSP, HTML, CSS, and Bootstrap
  Tech Stack: SQL, PL/SQL, Java, JSP, Servlets, MySQL, JDBC, HTML, CSS, Bootstrap

Recommender System   **Binghamton University, Jan 2018 - April 2018**
- Built a recommender system to predict the rating for unrated products by using neighborhood-based collaborative filtering on a dataset of 80,000 records of 943 users and 1682 items; computed the similarity using Pearson coefficient of correlation as it reduced the execution time and improved accuracy **Tech Stack:** Java, Eclipse IDE, Excel

Information Retrieval System   **Binghamton University, Sept 2017 - Dec 2017**
- Built an IR System that performs retrieval of relevant HTML documents (movie reviews) containing query terms entered by the user and maintained a dictionary of index terms and documents table to reduce search time; used Apache commons library to perform data extraction **Tech Stack:** Java, Apache Commons Lang, Eclipse IDE

Merchandise Shopping Website   **August 2017**
- Developed a football merchandise website and implemented shopping cart operations like adding and removing item from cart, increase and decrease quantity, etc. **Tech Stack:** HTML, CSS, JavaScript, Visual Studio Code

EXTRA-CURRICULAR ACTIVITIES

- Member of BUDSA (Binghamton University Data Science and Analytics)
- Member of Binghamton University Astronomy Club
- Creative Head and Volunteer for IET, India – led the creative team to create and advertise posters and presentation