ASHRITH PRADEEP

Boston, MA | 857-424-6926 **|** pradeep.as@northeastern.edu | linkedin.com/in/ashrith-pradeep |github.com/AshrithPradeep

EDUCATION:

NORTHEASTERN UNIVERSITY, *Boston, MA*   **Jan 2019 – May 2021**
Master of Science in **Information Systems**   **GPA : 3.5**
Relevant Courses: Algorithms, Web Design and User Experience, Web Development Tools and Methods, Database Management, Application Engineering and Development, Software Quality Control and Management

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, *Bangalore, India*   **Aug 2013 - Jun 2017**
Bachelor of Engineering in **Computer Science**

TECHNICAL SKILLS:

Programming Languages:	Java, Python, JavaScript, SQL
Databases:	MySQL, MS SQL Server, SQLite, Oracle DB, Mongo DB, AWS Redshift
Web Technologies:	ReactJS, NodeJS, ExpressJS, HTML5, CSS3, Redux
Frameworks and Tools:	Spring, Bootstrap, Swing, Git, Bitbucket, AWS, Heroku, Docker, JIRA

PROFESSIONAL EXPERIENCE

Hewlett Packard Enterprise, *Bangalore, India*   **Aug 2017 - Feb 2018**
Software Engineer
- Involved in developing the CLI for users to interact with, the manageability backend to support protocols such as NFS, SMB and working on a dev-testing python framework. Also, Improved the efficiency of the backend code modules by around 20%
- Designed dashboards for the Quality Assurance team to view results of execution of test suites by using Reactjs for front-end, Flask for backend and MySQL for database
- Hosted the website using Docker containers, one for the MySQL server, an NGINX server for the front-end and a uWSGI web server for the flask back-end. Contributed for the development of REST APIs to move results into database
- Automated the testing process, that resulted in Resource optimization, and achieved a milestone of bringing down the testing time from 4 months to 2 weeks using techniques like parallel execution, explicit wait, etc.

Konigtronics Pvt Ltd, *Bangalore, India*   **Sep 2020 – Dec 2020**
Software Engineer Intern
- Implemented a Java project using Spring Boot and Hibernate to create RESTful services for tracking and maintaining defects in the system
- Developed RESTful API's to fetch metrics based on user input from Calculation engine using Node**.**JS in combination with Express**.**JS
- Implemented a native customized reporting tool using Django to generate reports from daily financial data.
- Projected key risk patterns from daily financial data using Calculation Engine which resulted in 11% increase in efficiency

ACADEMIC PROJECTS

Roommate Connector Website [MERN, Bootstrap, REST API's, Express, NoSQL, MongoDB]   **Jan 2020 – Apr 2020**
- Created a website that lets people connect and make roommates, with those who have matching preferences as theirs, once they make a payment as a part of the membership.
- Developed secured Rest API's using Express and stored the app data on NoSQL MongoDB database. Integrated third party Facebook and Google authentication for users to login and provided rich dynamic UI Payment. Implemented search by using Stripe API and filter criteria.

Volunteer Enrollment Web Application [Core Java, Spring MVC, Hibernate, Apache Tomcat]   **Jan 2020 - Apr 2020**
- Developed an application using Spring MVC and Hibernate frameworks, which allows an user to look for volunteering jobs and get enrolled using the application, hosted it locally using Apache Tomcat server
- Worked with JDBC for accessing the database and included email functionality for successful sign-up, using SMTP Server

Loan default prediction[Python, SQLite]   **Sep-2019 - Dec 2019**
- Performed feature selection and extraction, built classification and ensemble models to predict borrowers who will most likely default based on their financial footprint
- Implemented cross validation to select the best parameters of the model and obtained 89.6% prediction accuracy using Ensemble elements

Event management system for NGO [Java Swing, NetBeans, DB04]   **Jan 2019 – Apr 2019**
- Developer a Java Swing application using ecosystem model to let NGO's create events such as education and health check-up camps by sending requests to corporates and hospitals, to get instructors and doctors. Incorporated email communications between enterprises, using the JavaMail API