ASHRITH PRADEEP

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EDUCATION:

NORTHEASTERN UNIVERSITY, *Boston, MA*   **Jan 2019 - Present**
Master of Science in **Information Systems**
Relevant Courses: Algorithms, Web Design and User Experience, Web Development Tools and Methods, Database Management,
                     Application Engineering Development, Data Science Engineering Methods and Tools

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

TECHNICAL SKILLS:

Programming Languages:	Java, Python, SQL
Databases:	MySQL, SQLite, Oracle, MongoDB
Web Technologies:	HTML5, CSS3, JavaScript
Frameworks and Tools:	Node.js, React, Express, Swing, Git, Bitbucket

PROFESSIONAL EXPERIENCE

HP ENTERPRISE, *Bangalore, India*   **Aug 2017 - Feb 2018**
Software Engineer – Java
- Designed and developed programs for software enhancements and products which included networks, databases, and internet related tools. Improved the efficiency of the code modules by around 20%
- Performed code analysis after development phase, wherein it involved the backtracking of the code to the initial point where it started and checking of the workflow, so that the required code changes can be done in the migration phase
- Executed established test plans on the code modules, and identified, logged, and debugged the assigned issues
- Fixed Java code for the generation and sending automated letters to customers for specific functions using correspondence management tools

KONIGTRONICS PVT. LTD, *Bangalore, India*   **Mar 2018 – Oct 2018**
Web Development Intern
- Developed a MEAN stack single web application which allows users to search for movies of their choice, review them and track activities of fellow users by following them

ACADEMIC PROJECTS

Roommate Connector Website [MERN, Bootstrap]   **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.
- This site makes use of Nodejs and Express for the backend, React for the frontend, and Bootstrap for design. Authentication and state management were implemented using JWT and Redux
- Linked payment to application using Stripe API, and implemented filter criteria for the search page to simplify searching

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 individual to look for volunteering jobs and enroll himself in it, once he signs up into the application. Made use of Apache Tomcat server for hosting it locally
- 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**
- Built 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

AI Pacman:[Python]   **Jan 2019 – Apr 2019**
- Incorporated different Artificial Intelligence methods on the Pac-Man game to make the agent near rational in a given game environment using the UC Berkley course project materials

PUBLICATIONS

Android application to read & record data from multiple sensors and thereby plot a graph based on the data collected
International Journal of Advanced Research in Computer and Communication Engineering, Vol. 6, Issue 5, May 2018