

Aashwin Vats

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EDUCATION

Master of Science in Computer Science

September 2018 – December 2020

Oregon State University – Oregon, USA

GPA: 3.87/4.0

Coursework: Software Engineering Methods, Software Project Management, Design and Analysis of Algorithms, Data Structures, Machine Learning, Deep Learning, Database Management Systems, Methods of Data Analysis

Bachelor of Technology in Electronics and Communication Engineering

August 2015 – April 2015

Amity School of Engineering and Technology – Uttar Pradesh, India

GPA: 8.29/10.0

TECHNICAL SKILLS

- **Programming/Web Technologies** : Python, C#, LINQ, Javascript, HTML5, CSS3
- **Frameworks** : .NET - ASP.NET, ADO.NET, NodeJS, ReactJS, ExpressJS
- **Databases** : MySQL, PostgreSQL, MongoDB
- **Tools/Platforms** : Git, Visual Studio, Postman, MS SQL Server (SSIS, SSRS), TFS, AWS: S3, MS IIS
- **Certifications** : AWS Developer's Associate

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant – Oregon State University – Oregon, USA

September 2018 – June 2020

- Engaged in course re-design with the instructor and held responsible for the evaluation of students' assignments, leading discussions with project groups on software design techniques, and project management
- Assisted 65+ students per term in courses: Software Engineering, Usability Engineering to heighten the user experience of their class projects and guided them till 100% completion

Software Developer – Wipro Technologies, India

June 2015 – February 2018

Functioned as a Techno-Functional Analyst in the ENU domain

- Spearheaded the design and development of external web application to manage import/export certifications for customer reducing manual filing by 90%
- Coordinated with customer's team, scrum master, product managers, and QA teams in gathering business requirements to strategize system architecture, assist in technical documentation, and plan forthcoming sprint release to production
- Led the development of over 90 product backlog items, creation of unit test cases, code reviews, bug fixing, query optimization, integration testing, and deployment
- Administered data migration, upgrades, data cleaning; Design and development of SSIS packages to provide enhanced interfacing functionalities and reducing third-party data dependency by 80%

ACADEMIC PROJECTS

IdeaPool [MongoDB | ExpressJS | ReactJS | NodeJS | NextJS | HTML/CSS]

- Designed a platform for all levels of software developers to share their project proposals or request to collaborate on ongoing projects of interest (ideapool-av.herokuapp.com)

FitDeck [MongoDB | ExpressJS | ReactJS | NodeJS | HTML/CSS]

- Developed a Social networking web application for fitness enthusiasts that lets them connect with other users so that they can follow their fitness coach to learn about their new articles (github.com/vatsaashwin/FITDECK)

ChatterBox [NodeJS | Socket.io]

- Developed a chat application for users to interact with each other in real-time in the chat rooms of their choice (chatterbox-app-av.herokuapp.com)

Cap'nShare [RubyonRails | PostgreSQL | CSS | AWS S3 | JavaScript | GIT | Trello | Agile methodology]

- Designed and developed a web application using RubyonRails that allows users to share food across campus to avoid food wastage (capnshare.herokuapp.com)

Career Mapper [Python | HTML/CSS | MySQL | ReactJS | GIT]

- Developed an interface to compare jobs at hand with respect to the cost of living, health, crime, safety indices, etc. providing greater clarity and insight into the career decision-making process (github.com/vatsaashwin/career-mapper)