Nikhil Tyagi

Contact

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Education

Master of Applied Computer Science
Dalhousie University, Halifax | 2019

- Key Subjects: Machine Learning, Visualization, Deep Learning.

Bachelor of Technology| CSE
GGSIPU, Delhi | 2014

- Developed own blog based on my learnings and for teaching development to fellow students.
- Key Subjects: Computer Networks, Web Development and Mobile Innovation

Key Skills

- Python, Java, D3.JS, Angular, NodeJS, JavaScript, HTML
- IDE used: Android Studio, Visual Studio Code, Jupyter Notebook
- JIRA, GIT, SVN, Trello, Docker
- Databases Used: PostgresSQL, MongoDB, MySQL, Redis, Memcached.
- AWS, Azure, Heroku, Google Cloud
- REST API, MVC frameworks

Achievements

- Selected for Innovation and Creativity Bootcamp at Acadia University, NS.
- Awarded Certificate of Excellence at Infosys Ltd. for delivering critical requirements on time with zero issues.
- Member of Microsoft Student Partner program in 2012.

Work Experience

January, 2019 – April, 2019
Teaching Assistant • Dalhousie University

- Teaching students practical tools for Data Management and Warehousing Analytics, helping them in understanding concepts.

December, 2016 – August, 2018
Software Engineer • uTrade Solutions • Chandigarh, Punjab

- Worked in financial domain creating real-time websites and mobile applications. Created new currency exchange and blockchain solutions for various clients.

December, 2014 – September, 2016
Systems Engineer • Infosys Ltd. • Pune, Maharashtra

- Designed algorithms for efficient order management system for Openreach (owns pipes and telephone cables for all homes and businesses in UK).

Projects

Winter, 2019
IWK Visualization • IWK Health Center • Dalhousie University

- Developed a visualization tool to analyze data collected by IWK health center of various emergency cases.
- Built timeline and spiral charts for the provided medical data. Used D3.js, Javascript.

Summer, 2018
Blockonix • uTrade Solutions

- Created an exchange website for trading and converting cryptocurrencies.
- Enhanced performance of existing trading platform by 30% by optimizing network calls.
- Supervised web development team with four other members, developing on latest technologies like Django, Angular 4, HTML, CSS and JavaScript.
- Followed Agile development technique to achieve results within short time frames with major functionalities.
- Collaborated with a small team of five to seven members developing on latest technologies.

Winter, 2017
Cove Identity • uTrade Solutions

- Created a hybrid mobile application to digitalize your identity by storing your identification documents.
- Developed with end-to-end encryption which ensures your data is secure and only accessible to people shared with.
- Technologies used: Angular 4, Ionic, HTML, CSS and TypeScript.

Winter, 2015
British Telecom • Infosys Ltd.

- Optimized exisiting order management tool by reducing database calls.
- Supported test teams and live-support team for fixing critical defects or providing workarounds by the time defect is fixed.
- Created low level designs and developed code based on client's high level requirement.
- Developed test plans reports and supported live software by providing bug fixes and workarounds.