

Varun Pande

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Arlington, Texas

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Full stack developer | Software engineer

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SKILLS

- ❖ **Software:** Python (Intermediate), Git (Basic), Java (Basic), JavaScript (Intermediate), MySQL (Intermediate), NoSQL (MongoDB - Basic), shell scripting (Basic).
- ❖ **Library:** React (Basic). **Frameworks:** AngularJS (Basic), Django (Intermediate), Spring Boot (Basic).

EDUCATION

University of Texas at Arlington.

Aug-2019 to May-2021

- Master in Computer Science majoring in Artificial Intelligence and Database. (**G.P.A: 3.932**)
- **Coursework done:** Neural networks, Machine learning, Data mining, Web data management, Advanced database systems, Secure programming, Information security, Software testing.

Thakur College of Engineering and Technology, Mumbai University.

Jul-2012 to Aug 2016

- Bachelors of Engineering in Information Technology. (**C.G.P.A – 7.95**)

EMPLOYMENT

Software Engineer

Zimperium Inc.

June-2020

Python/Java based backend development and Angular as frontend.

- Python codebase upgrade from 2.7 to 3.5.0 and Django (v2.2) application development.
- Resolved bugs and created APIs for new features and contributed towards enhancements of existing features.
- Created migration scripts and APIs to export data from dashboard (zConsole).
- Created/updated AngularJS components to support multi-language and custom-branding on dashboard.
- Deployed code on virtual environments to aid integration and Q.A testing.
- Leveraged knowledge in Git, Python, Django, Docker, Java (Spring boot), Postgres-SQL, Kafka, Zookeeper Kibana, Postman, Agile (Scrum) development, TeamCity, Microservice architecture, Gradle.

Senior Software Engineer

Coradius Pvt. Ltd.

Feb-June 2019

Productivity and task management react app.

- Created modules to manage background processes for synching databases in the background.
- Developed a task management and productivity tracking application based on react for bank agents.
- Leveraged knowledge in Git, Full Stack Web development, JavaScript, React and Chrome Developer tools.

Application Development Analyst

Accenture Solution Pvt. Ltd.

Nov 2016-Jan 2019

Software testing and automation.

- Created automated scripts to perform regression testing on SAP implementation of client.
- Refactored the old codebase, which increased the runtime efficiency of old test scripts by 30%.
- Created macros to automate form filling and test data creation.
- Leveraged knowledge in Microsoft Excel, SAP system, Team management, HPQC, HP-UFT.

SOFTWARE PROJECTS

Smart Park

- I.O.T. based android application and website to provide live available parking locations using Arduino Uno board and sound sensors. (Used google maps API to show locations of parking.)
- Reduced the searching time for parking to nearly less than a minute, which resulted in reduced lane congestion (tested in a virtual environment).

Utilized: PHP, MySQL, Java, JavaScript, C programming, Socket (IP/TCP) Programming, LAN setup for multiple Arduinos.

Website development for TIMSR

- Received an appreciation letter from the director to complete the website within 2 months.

Utilized: PHP, JavaScript, MySQL, Linux Server management, domain hosting, SEO.