

# 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), PHP (Basic), MySQL (Intermediate), MongoDB (Basic), OracleDB 10g(Basic).
- ❖ **Library:** React. **Tools:** Visual studio code, HPQC, HP-UFT, Excel macros.

## EDUCATION

**University of Texas at Arlington.**

**Aug-2019 to May-2021**

- Master in Computer Science majoring in Artificial Intelligence and Database. (current **G.P.A: 4.00**)
- **Current semester courses:** Advanced database system, Secure programming.
- **Coursework done:** Neural networks, Machine learning, Data mining, Web data management.

**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**)
- **Programming Coursework:** Web programming, Data structure & Algorithm Analysis, Database management systems, Object oriented programming methodology.
- **IT Coursework:** Operating systems, Big data analytics, Automata Theory, Intelligent system.

## EMPLOYMENT

**Intern**

**Zimperium Pvt. Ltd.**

**June-Dec 2020**

Python backend developer.

- Python codebase upgrade from 2.7 to 3.5.0 and Django (v2.2) application development.
- Worked on Docker images, deploy services like Kafka, Zookeeper, Postgres.
- Leveraged knowledge in Git, Python, Django, Docker.

**Senior Software Engineer**

**Coradius Pvt. Ltd.**

**Feb-June 2019**

Productivity and task management react app.

- Created library to manage background processes for synching database in 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 congestions (tested in virtual environment).

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

**Website development for TIMSR**

- Developed a website for management college of my alma mater.
- Received an appreciation letter from the director to complete the website within 2 months.

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