

# HARSH HARIKRISHNA PATNI

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## SOFTWARE ENGINEER | FRONTEND ENGINEER | PROJECT LEAD

### ADDITIONAL CREDENTIALS

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| <b>TECHNICAL SKILLS</b> | Languages/Web Technologies – JavaScript, AngularJS, Python, Java, PHP, NodeJS, HTML5/CSS, React<br>Databases – MongoDB, MS SQL Server, Firebase, SQLite3<br>Other – TCP/IP Protocols, AWS(Elastic Search, S3), Docker, Agile & waterfall development concepts, MVC, Scrum |
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### PROFESSIONAL EXPERIENCE

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#### TORII TECHNOLOGIES | DUBLIN, CALIFORNIA | 2019 TO PRESENT **Frontend UI Developer Intern**

- Developing interactive designs for consumer-based products using wide range of software engineering technologies like PHP, JavaScript, NodeJS, AngularJS and Python, specifically applied to the active dashboard of Tacet Application.
- Using variety of JavaScript and PHP libraries like High charts, FPDF, PHP PowerPoint to provide security based services for customer-centric applications.

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#### COMPUTER INFORMATION SYSTEMS & QUANTITATIVE METHODS, TEXAS STATE UNIVERSITY | SAN MARCOS, TX | 2018 TO 2019

##### Graduate Assistant

- Display strong leadership and communication skills in tutoring topics of Data Structures, Software Development (C++, C#), mobile(iOS) development, and System Analysis.
- Develop interactive and innovative strategies to increase outcomes-based results.
- Utilize a wide variety of instructional techniques to increase the productivity of students significantly.

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#### INFONAYA SOFTWARE SOLUTIONS | ANAND, GUJARAT | 2015 TO 2016 **Web Development Intern**

- Honed knowledge of the development process including design, specification, documentation, implementation, and testing.
- Cross-collaborated with other members of the development team on a daily basis.
- Conducted extensive research and testing to design and develop tailored interactive user interfaces.

### EDUCATION

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#### Texas State University, San Marcos, TX: 2019 | *Master of Science – Computer Science (GPA: 3.5)*

- **Relevant Coursework:** Advanced Artificial Intelligence, Advance Operating Systems, Algorithm Design and Analysis, Advance Networking and Communication, Distributed Computer Networking.

#### University of Mumbai, Mumbai, India: 2017 | *Bachelor of Engineering – Computer Engineering (GPA: 3.5)*

- **Relevant Coursework:** Data Structure, Web Development, Operating Systems, Computer Networks, DBMS and OOP's.

Certifications or Additional Education: Udemy - Complete Python Bootcamp Course, 2018

### PROJECTS

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#### Fitme (PHP, Node.js, JavaScript, Fitbit Web API, OAuth authorization) **Spring 2018**

- A web module which gets live Fitbit data.
- Collected and analyzed the live heart-rate, calories, steps data used in the other applications.

#### Ethernet Simulation (C, Socket API Programming, TCP/IP Protocols) **Spring 2018**

- Developed a client/server application using Socket API programming along with simulating the classical ethernet.
- TCP/IP protocol was used as the underlying protocol of the communication.
- Used TCP/UDP protocol to uniquely identify the ports.

#### Tune-up (React Native, Firebase and Socket.IO, NodeJS) **Spring 2019 - Present**

- Developing end application for users to listen music in real-time sync while being remote.
  - Features like live chat, volume and playback synchronization in the mobile app.
  - Used Wi-Fi networking and cloud communication services to connect with users in real-time.
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