

Piyush Santwani

Full-stack Developer, Aspiring Engineer
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ABOUT ME

I learn fast. I like to work with new and exciting technologies, and I'm quite good at picking up things. I fare relatively well when it comes to navigating unknown areas.

GOALS

In the future, I want to work in areas which require a high degree of problem solving and creativity; Fields that involve AI, Machine Learning, Neural Networks or Smart Systems.

SKILLS

Server-side

NodeJs

ExpressJs

PHP

Laravel, Vanilla

.NET

C#, VB

Ruby

Rails, Vanilla

Python

Django, Vanilla

Platforms

Windows

Dev & Prod Environment

Mac OSX

Development Environment

Linux

Production Environment

Android

Eclipse, Studio

Dev Tools

Git

Npm

Composer

Grunt

Databases

Transact SQL

MS SQL Server, Standalone

MySQL

Framework, Standalone

Redis

Standalone, NodeJs

MongoDB, DynamoDB, InfluxDB

Standalone

Elasticsearch

Standalone

Servers

Apache

HTTP, HTTPS

IIS

WCF

Nginx

RTMP

Other

Regular Expressions

Wordpress

Electron, Socket.io and Websockets, Docker,
Chrome extension, Chrome Apps, Desktop App

Client-side

Javascript

JQuery, Vanilla

HTML

Bootstrap, HTML5

CSS

LESS, Vanilla

UI/UX

Concept & Development

Cloud Services

Amazon Web Services

EC2, SQS, SNS

DigitalOcean

Droplets, Basic Mail Server

Azure

Web hosting

Provided above is an approximate representation of skills based on Experience, Knowledge and Familiarity.

EMPLOYMENT

Senior Software Developer

BookMyShow, Mumbai, IN

Nov 2016 - Current

Highlights

Team management, Agile development, Performance Mon, Backend development

- Developed a real time performance dashboard using - **TICK stack**.
- Real-time alerting system with event management framework using **Nodejs and socket.io**.

Technologies & Other

- InfluxDB, Elasticsearch, Kapacitor, RabbitMQ, Grafana, Kibana, NodeJS, Redis, MongoDB, Git, JIRA.

Backend Developer (SaaS)

JustRide, Bangalore, IN

Jan 2016 - Sept 2016

Highlights

Backend Development, Workflow Automation, Debugging, Project Deployment

- Developed two SaaS - Software as a Service - products completely - **Backend only**.
- Worked with the LAMP Stack - Linux, Apache, **MySQL and PHP** - and the JS Stack - **NodeJS, MongoDB, DynamoDB**.
- Made several applications that helped automate and streamline the company's workflow.
- Handled bug fixes and patches, custom features, automatic backups and maintenance.

Features Implemented

- Some key functionalities from the JS Stack applications include end-to-end server design and implementation for **Onboard diagnostics**(car-IOT), developing a **chat engine** for customer support, automating the **email-ticketing process**, etc.
- Features from LAMP Stack applications include writing **APIs for the official website**, modelling database architecture, integrating email, sms and payment gateway clients, creating user groups for the admin panel, designing response emails for the customers, deploying and hosting website on **AWS**, etc.

Technologies & Other

- ExpressJS (NodeJS), Socket.io, Laravel & Vanilla PHP, Shell Scripts, MongoDB, DynamoDB, MySQL, Project Deployment & Maintenance (SQS, Pusher, AWS Elastic Beanstalk, EC2) and Git version control.

Business Technology Analyst

Deloitte USI, Mumbai, IN

Jan 2014 - Jan 2016

Highlights

Backend Development, Business Logic, Consulting

- Implemented .NET programs, SQL stored procedures, batch programs, business-rules for **two major project releases**.
- Worked with the .NET MVC Stack - Windows, IIS, **MS SQL Server and C#** and the Corticon Business Rule Engine.
- Participated in end-to-end **manual testing** of minor releases.
- Handled **bug fixes** and custom features on client requests.



Passion Projects

Study room, balcony and hackathons

- Topped the list of candidates who passed the **Information Technology Infrastructure Library (ITIL)** certification exam.

Technologies & Other

- Microsoft Unity (C#), WCF, Corticon Business Rules Server, MS SQL Server, Microsoft testing center, IIS.

Highlights

Some Useful, Several Silly Projects

- [Radio](#) - Request a song and it shall be played for you.
- [Youtube Bookmarker](#) - A **chrome plugin** that lets you create bookmarks inside a YouTube video.
- [DevOps ChatBot](#) - An DevOps command center built using flockOS that supports all major AWS operations.
- [Youtube scribble pad](#) - A **chrome plugin** that places a notepad right next to your youtube video, so that you can easily make notes while learning.
- [Browse by voice](#) - Your personal **voice controlled browsing assistant**, available on chrome store and android. [Watch tutorial →](#)
- [Download my playlist](#) - A **node.js** tool that lets you download your list of favorite songs on a single click.
- [Hangman Solver](#) - A **ruby script** that automatically guesses the word from the popular mobile game, Hangman.
- [Code Editor](#) - A desktop app built using **Electron** that continuously deploys code to the server when any changes are made.
- [Yatra](#) - A single page **Rails** application for flight search and bookings.
- [Deliverables](#) - A **Rails** application to create an on-demand platform to match the supply and demand for delivery boys with real-time tracking in the Logistics domain.
- [Sasfinder.com](#) - A directory based website built using **PHP Laravel**, is a local salon & spa guide that facilitates to explore and locate beauty services in the vicinity.
- [JBSCreatives.com](#) - A portfolio website for a creative designer. It was my first website as a freelancer. I built it using vanilla **PHP, HTML and CSS**.
- [Card game](#) - A simple multi-player game built using **Socket.io** and **MongoLabs** with game feed and user profiles.

Highlights

Teaching Assistant

Thadomal Shahani Engineering College,
Mumbai, IN

Jul 2013 - Oct 2013

Lecturer, Laboratory assistant

- Lectured on several subjects in the Computer Engineering department.
- Guided students in Electronics laboratory to design projects.
- Courses I taught include Electronics Circuit and Communication Fundamentals, Digital Logic and Design, and analog Electronics.

Highlights

Software Engineer, Intern

Larsen & Toubro
Jul 2012 - Mar 2013

.NET Programmer, Degaussing System, SCADA.

Intern
EMU, Western Railways
Jun 2012 - Jul 2012

- Design and Networking of a **Human Machine Interface** for a Degaussing system with SCADA.
 - These systems are the most effective means of protecting a ship against modern **sea mines**.
 - Project highlights include acquiring information about the **power amplifiers** on the ship with the intention of controlling them, communicating encoded data and working with **NMEA protocol** to locate the ship using GPS.
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- Technologies & Other*
- C# and VB.NET, Digital signal processing, NMEA protocol decoding.

Highlights

Project Trainee, Indian Railway system.

- Monitoring **Traction Distribution** in the Mumbai Suburban region of Western Railways with SCADA.
- Establishing connection between Electrical multiple unit (EMU) and train management system using the **Passenger Information System**.
- Operating **traction motor** with VVVF control technique.

EDUCATION

**Bachelor in Engineering
(Electronics & Telecommunication)**
Thadomal Shahani Engineering College, Mumbai, India

Higher Secondary School
Kishinchand Chellaram College, Mumbai, India
Passed with 94.5%

Secondary School
St.Francis De Sales School, Mumbai, India
Passed with 90.9%

INTERESTS

Food
Cinema & TV
Guitarist
Volleyball
Trekking

MISCELLANEOUS

Nationality
Indian

Date of Birth
9th September, 1991

References can be provided upon request.