

# Bahram Pourtaherian

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Authorized to work for any employer in the United States

- Software developer with 5+ years' experience in software development and over 10 years' experience in programming
- Extensive knowledge of entire Software Development Life cycle including requirement analysis, design, development, test, build and deployment.
- Expert in developing web applications using JavaScript stack including NodeJS, Meteor, VueJS, Blaze, HapiJS, PhantomJS, NPM, webpack, etc.
- Expert in developing applications using .net stack including C#, MVC, webforms, web API, Entity Framework.
- Expert in using SQL and NoSQL, MS SQL, DB2, MongoDB, PostgreSQL
- Expert in using HTML, CSS, Bootstrap, SASS, etc.
- Experience in developing applications using Java stack including core Java, Spring, Hibernate (ORM), JDBC, JSP, XML and Web Services
- Experience in Linux and Cloud deployment, Nginx, Docker, etc.

## WORK HISTORY

**Senior Full Stack web developer**  
*Franchise Tax Board*

*Mar 2015 to Present*  
*Sacramento, CA*

### *Public Facing Applications Group.*

- Developing and maintain various applications using .net stack including Calfile which helps over 180,000 Californian annually file their taxes for free.
- Developing Web Applications using C#, webforms and MVC.
- Developing Web Applications using .NET backend API and modern JavaScript framework such as VueJS, Bootstrap.
- Fix Web Applications Accessibility issues up to WCAG 2 standard.
- Developing SQL complex queries, Stored Procedures, functions and packages, tables, and views. Creating multiple types of joins, data connectivity and data integration of MS SQL.
- Architecting new Web Applications to meet scalability and security strict requirements.

### *Court Order Debt Software Group*

- Maintained and Developed new features for the big complex Java Application
- Maintained and Developed batch jobs to process millions of records on a daily basis using Java. Spring framework, JDBC and JSP
- Re-architected part of batch jobs and reduced the running time from 5 hours to 10 min
- Fixed Application to prevent major dead locks in the DB
- Wrote very Complex SQL queries to move most of the business logic to SQL query in order to make a request real time for public facing web API
- Developed Web Applications using JSP and CSS for internal app
- Front-end development using JSF, JSP,HTML, CSS, jQuery, and AJAX
- Spring MVC/IOC framework utilization, with RESTful services
- Developed back-end code with Java, JMS, XML, JDBC, Hibernate, and MySQL

**Full stack developer**  
*Scoutzie*

*Jul 2013 to Dec 2014*  
*San Francisco, CA*

- Developed front end with Blaze JS, Bootstrap, CSS, HTML
- Developed backend with Meteor JS, Node JS, and MongoDB
- Deployed and managed the app to the AWS
- Used PayPal API to process payments.

**Research Assistant**

California State University Northridge

Jan 2012 to May 2013

Los Angeles, CA

- Assisted Prof. Roosta in the EDA/ASIC Lab at CSUN, researching on FPGA design methodologies and tools

**Automation Engineer**

Farineh San-at Engineering Co

Dec 2006 – Feb 2010

Tehran, Iran

- DCS & ESD Specializing in programming Siemens PLC and HMI such as Step 7, PCS 7, WinCC as well as additional delivery involving ABB / HMI program.

**IT Administrator**

Farineh San-at Engineering Co

Dec 2004 – Dec 2006

Tehran, Iran

- Implemented troubleshooting process for Network and Windows systems and defined procedures for its operation. The troubleshooting process provided for both hardware and software support.

**Major Side Projects**

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**[AdSentence.io](http://AdSentence.io)**

Jan 2016 to Mar 2017

**AdSentence** is an AdWords spy tool that scrap google every hour and collect all the ads shown on the page. It shows data in a nice charts and tables.

- Scraping Google every hour with NightmareJs and collect the Data and put it into PostgreSQL DB.
- Backend is written in HapiJs, get and polish the data from DB and send it to frontend.
- Frontend is in VueJs, HapiJs, and Bootstrap. It shows the data in nice charts, and tables.
- Authentication is with Google OAuth.

**[CoWriteStory](http://CoWriteStory)**

Jan 2016 to Mar 2017

CoWriteStory was one of the side projects I was working on. The idea was to create a platform for people to cooperatively write stories together.

- Developed frontend and backend of the application using Meteor (NodeJS backend and BlazeJS frontend)
- Used MongoDB to design database with fast and complex queries
- Designed and developed pages using HTML, CSS, Bootstrap, SASS, etc
- Set up my own MongoDB cluster (3 redundant node) with Docker on cloud
- Set up NginX load balancer
- Developed and set up the application using Docker on cloud.

**EDUCATION**

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**Master of Science in Computer Engineering**

California State University Northridge,

May 2013

Northridge, CA

Project: Vehicle speed detection with traffic camera with image processing using Xilinx FPGA

**Bachelor of Science in Electrical Engineering**

Qazvin Azad University

Dec 2009

Qazvin, Iran

Project: Feedback control system designed in MATLAB: a feedback control system that tracks the position of an airplane using control tool box in MATLAB