

# VIKRAM BAID

Full Stack Software Developer & Technical Product Manager | (949) 870-2870 | [vbaid@berkeley.edu](mailto:vbaid@berkeley.edu)

## Education

**University of California, Berkeley**

B.A. Computer Science

Cumulative GPA: 3.494 / 4.00

**Berkeley, CA**

**May 2018**

## Product Management Experience

**Ebusiness Solutions**

**Riverside, CA**

**Jan 2017 - Present**

*Technical Product Manager – Remote, contract position*

- Led a team of 6 people to develop an enterprise system for sales teams. Developed the database using SQL, API using Entity Framework and GoLang, wrote API and design documents for the team. Led scrum agile meetings weekly. Sample walkthrough video created by me: (<https://youtu.be/QJnU-WRm3Ew>)
- Leading a team of 3 to develop a software as a service solution for plumbers using the agile methodology. Developed the Architecture, wrote the Database, delivered API and design documents to my team. Current Work in Progress for Mobile Portion of the application: (<https://youtu.be/QF5tHwDUk3M>)

**BizRinger**

**Santa Ana, CA**

**May 2017 - Present**

*Technical Product Manager – Remote, contract position*

- Built the architecture and REST API documents for an Enterprise Restaurant Point of Sale system and worked with a team of four based from Southern California and India to develop a Web & Mobile app solution.
- Led a team of 3 based to develop a complete food delivery web application solution. Includes customer, driver (with optimized routing), and customer management team portals using the .NET stack.

**MyToobs**

**Newport Beach, CA**

**September 2010 - January 2013**

*CEO*

- Created a social media marketing tool that helps creators garner more traffic. Designed the software UI in Photoshop, and hired two engineers to develop the back-end functionality. Garnered 100,000 downloads
- Created a community forum alongside tool: 2,000 monthly subscribers, and 40,000 members. Drove relevant customers to website via SEO/SMM. Rea
- Deployed SEO and SMM to reach the first position of Google for pre-selected list of keywords using unique, and high page rank backlinks, and unique content.
- Hired, trained, and promoted community members to moderators to manage the forum community.

## Professional Coding Experience

**General Motors**

**San Francisco, CA**

**May 2017 - Present**

*Full Stack and Artificial Intelligence Software Engineer*

- Architected and developed Project AV-Einstein: an artificial intelligent customer feedback app to categorize passenger end-of-ride feedback using Machine Learning, AI, GoLang, PostgreSQL, and Android (Java).
- Designed and built a web socket chat service to enable hearing impaired passengers to communicate with customer service agents using in-vehicle tablets. Coded in Android (Kotlin), GoLang, and Polymer.
- Developed and integrated Twilio Browser-to-Vehicle and Vehicle-to-Browser solution to enable two-way communication between autonomous vehicle passengers and customer service. Coded in React js and Node js.

**Integrative ID**

**Anaheim, CA**

**August 2015 - June 2017**

*Lead Programming Analyst and Software Engineer*

- Architected and built a CRM for client, Iverson Dental Labs, with over 70 features such as Case Management, Invoicing, Billing. Coded using ASP.net, C#, jQuery, JavaScript, and SQL.
- Programmed a hardware system and online software to track real-time inventory for an average of 1,000 daily deliveries with a bar code scanner. Coded using C++ and C#.
- Deployed and configured two servers to manage 50 domains, daily database backups, and real-time mirroring.
- Promoted from Junior Software Engineer to Lead Programming Analyst within 6 months.

## General Motors

Warren, MI

*Over the Air Programming Hardware and Software Engineering Intern*

May 2016 - August 2016

- Developed a multi-threaded tool to compress and decompress files using LZMA/ARLE algorithms in C#.
- Built an app to generate Excel reports comparing historical data using leading compression algorithms in Java.
- Documented architecture flows of General Motors' proprietary Over-The-Air Programming methods.

## GetVisibleWeb

Santa Ana, CA

*Junior Web Developer and SEO/SMM Specialist*

April 2014 - August 2016

- Developed multiple e-commerce and front-end websites using ASP.net C# and PHP/Wordpress.
- Created a bulk e-mailing server in Linux with PowerMTA capable of sending over 100,000 emails a day.
- Began the SMM/SEO campaigns for 20 clients, and ranked each of them for at least 3 of their 10 keywords.

## Skills & Interests

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- Proficient in GoLang, Python, Android (Java & Kotlin), Node js, Java, JavaScript, jQuery, SQL and C#
- Intermediate in Polymer, React js, Angular, PHP, MongoDB, C, Docker, AWS, CircleCI, Kubernetes
- Fluent in Three Languages (English, Hindi, and Spanish)
- Interests: Drumming, Music (All Genres), Basketball, Cliff-Diving, and Engineering-based research projects

## Favorite Personal Project

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### Iris BCI

*A hardware tool utilizing OpenBCI that allows people suffering through diseases such as ALS to communicate using their brain waves*

- Studied, analyzed OpenBCI for months and utilized data analytics to convert EEG (brain) signals to readable characters that can then be converted into text.
- Did tests with patients, and accomplished a 3x faster rate of speech than the system used by Stephen Hawking.
- Learned C++ to edit the Open BCI hardware code, and created a web-server connected via tcp in Python.