

Pramodh Mazumdar

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SUMMARY

Two years of prior experience in full stack web development. Interested in web, data mining and visualization. Currently looking for software engineer roles from May 2018.

EDUCATION

M.S, Computer Science	Arizona State University 3.67 CGPA	May 2018
<i>Relevant coursework:</i> Data Visualization, Data Mining, Distributed Database systems, Adaptive Web, Human Computer Interaction, Mobile Computing, Artificial Intelligence, Foundations of Algorithms		
B. Tech, Computer Science	VIT University, Vellore 3.13 CGPA	May 2014

SKILLS

Programming Languages	Java, Ruby, Python
Web Development	Ruby on Rails, JavaScript, React JS, Angular JS, Meteor JS, Rspec, HTML5, CSS3, SCSS
Environments and Tools	Ubuntu Linux, Git, Heroku, AWS, Android, Matlab, Spark, Hadoop
Databases	MySQL, MongoDB, Postgres, Redis, Neo4j
Others	REST API patterns, MVC Architecture, Microsoft Bot Framework

ACADEMIC PROJECTS

Aug 2016 – May 2018

- **ML benchmarking app:** Built an android app to benchmark different ML algorithms like Support Vector Machines, K Nearest Neighbors, Naïve Bayes Classifier as a project in mobile computing course.
- **Classifying Iris dataset:** Classified and clustered various datasets like iris data, grain data using k-means, k-nearest neighbors, SVMs as part of coursework in data mining.
- **Estimated top 50 hotspots for taxi pickups** in NY from a dataset of taxi pickups using Spark as part of Distributed Database Systems.
- **Personalized behavior tracking:** Built chrome extension and a web app with usage stats for stackoverflow.
- **Personalized Quiz app** based on collaborative user usage and skills, built on React, Node JS as part of Adaptive Web.

PROJECTS & EXPERIENCE

Codebrahma Technologies (Software Development Engineer) **Dec 2013 - Mar 2016**

- **Managed** projects, gathered requirements from clients, *designed and developed* web apps, their APIs and unit testing, handled deployments and maintenance.
- **Developed** a 'job and user recommendation engine' for a job portal and its sister site (an applicant tracking system) using k-means clustering to identify similar groups.
- **Built the core backend** of the job portal and ATS with payment system (Stripe) along with frontend, TDD (unit testing using Rspec). Used Ruby on Rails, Angular JS, Postgres, Neo4j, Redis, internal search with Solr.
- **Built a slack clone** on top of an open source real time chat application (rocket chat) to accommodate for teams, integrations (bots) for Github, Twitter, Stripe (via webhooks) on Meteor JS and MongoDB.
- **Developed a product discovery platform** with a tag-based search functionality and product price retrieval using Phantom JS, Isotope JS, Meteor JS and MongoDB.

State Bank of India (Software Engineer Intern)

Jun 2013 – Jul 2013

- **Redesigned** an intranet site for a faster, data efficient, cross browser experience used by their employees.

OTHER ACHIEVEMENTS

- Contributed to open source projects like Rocket.chat, user-styles.
- Participated in Hack AZ 2017, built android app and bot using MS cognitive services and bot framework.
- Participated in AZ Hack Day and experimented with AR js, A-Frame and Three js for the web.
- Designed and developed VIT University technical festival site graVITas for the year 2013.
- Developed various PHP projects during undergraduate such as Supermarket Management System, Project Management Portal for CSE dept. in university, a Hostel Room Allocation System.