Arpan Ghoshal

Full Stack Web developer

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EXPERIENCE

Web Engineer

Kreeti Technologies Pvt. Ltd

August 2019 - Current

PROJECTS

- **KUDO** - Multilingual meetings platform

  Created and maintained an application for recording meetings, live real-time captioning, and real-time broadcasting. The solution was single-handedly developed and maintained by me and is used in production by thousands of clients.
  Tech Stack used: ROR, Node JS, PostgreSQL, Redis, etc.

- **Smart Gardener** - Online garden planner

  Optimize an existing complex garden planner react app. Added new features, fixed bugs, and greatly improved performance.
  Tech Stack used: ROR, PostgreSQL, React JS.

- **Smart Recruit** - Platform for recruitment and conducting exams

  Designed a code checker service for code evaluation during exams. Ported existing exam platform from react js to phoenix live view.
  Tech Stack: Elixir, Phoenix, Phoenix Live view, MySQL.

- **CRM Notifications** - Platform to schedule and send notifications in bulk

  Send and manage bulk notifications.
  Worked with a small team to create the MVP.
  Tech Stack: Elixir, Phoenix, Oban, PostgreSQL.

- **GoGal** - Women security mobile app

  Main backend developer, designed APIs for the mobile API.
  Tech Stack: Elixir, Phoenix, PostgreSQL.

- **Data Migration**

  This task involved migrating data from other systems. It Involved writing lots of SQL queries and scripts along with understanding the schema of the existing data to be migrated.
  Tech Stack: SQL, Ruby, and elixir for scripts.

SKILLS

Skill	Rating
Elixir and Phoenix	★★★★☆
Ruby on Rails	★★★☆☆
RDBMS	★★★★☆
NoSql DB (Redis)	★★★☆☆
Javascript	★★★★☆
HTML, CSS, BootStrap, JQuery	★★★☆☆
ReactJS and Redux	★★★★☆
Java	★★★☆☆
AWS services (EC2, S3, Lambda, etc)	★★★☆☆
Docker	★★★☆☆
Git, Github, CI(GitHub actions)	★★★★☆
Linux	★★★☆☆

PERSONAL OPEN SOURCE PROJECTS

- CSV2SQL – A fast automated tool to analyze and load CSV files concurrently into RDBMS.

  Tech Stack: Elixir, Phoenix, GenStage, Live view, Bootstrap for styling.

  Link: https://github.com/Arp-G/csv2sql

- Pictionary - An online multiplayer game. Heavily relies on elixir genservers, ETS tables for storage, and Phoenix channels.

  Tech Stack: Elixir, Phoenix, Genservers, React js, and Redux.

  Link: https://github.com/Arp-G/pictionary

EDUCATION

Bachelor of Technology in Computer Science

NSHM knowledge Campus, Durgapur

2015 – 2019
- **Passed with 8.94 DGPA(Degree Grade Point Average)**
- **Won several on-campus coding competitions**
- **Class topper in multiple semesters**

Higher Secondary Education

Central Board of Secondary Education

2013-2015
- **Passed with 88% score**
- **Class topper in computer science**

ACCOMPLISHMENTS

- **Open Source contributor and creator of Csv2Sql**
  Blazing fast automated tool to analyze and load CSV files into RDBMS written in elixir. The tool is used by many to solve a specific problem.

- **Employee of the month**
  Recognized as an employee of the month for consistently good performance.

- **Oracle Certified Java Professional**
  Passed the Oracle certified Java associate and professional level exams.