

Joby Varghese Bejoy

jb768@njit.edu

551-263-8077

[joby.dev](https://www.linkedin.com/in/jobybejoy)

[linkedin.com/in/jobybejoy](https://www.linkedin.com/in/jobybejoy)

github.com/jobybejoy

EDUCATION

New Jersey Institute of Technology	Newark, New Jersey	May 2021
MS in Computer Science		CGPA: 3.33 / 4.0
Karunya Institute of Technology and Sciences	Coimbatore, India	May 2018
B.Tech in Computer Science		CGPA: 3.50 / 4.0

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, PHP, C, C++	Database: MySQL, Firestore
Frontend: HTML, CSS, React, Redux, React Native, Electron, ES6, Next.js, TailwindCSS, Bootstrap, Storybook, SASS	Backend: Laravel, NodeJS, Django
Cloud: Amazon(EC2), Firebase(Auth, Firestore, Functions, Storage)	Design: Figma, Adobe XD
Other: Prototyping, UI/UX Design	Test: Selenium

PROJECTS

Top N Words - MapReduce Jan 2020 - May 2020

- Implemented MapReduce to find the top-N words in Wikipedia pages of 50 states in the USA.
- Configured a Hadoop cluster in Amazon EC2 to execute MapReduce in parallel.
- Technologies used - Java, Hadoop(MapReduce, HDFS), Amazon EC2.

Proxy Server in C Sept 2019 - Dec 2019

- Developed a web proxy server that fetches the web page requested.
- Modularized parsing HTTP request, server TCP connection, and formatting response.
- Built with socket programming in C.

Poultry Farm Management App – PWA [Link](#), [GitHub](#) Dec 2018 - Mar 2019

- Developed a Progressive Web App to manage the inventory and sales of a poultry farm.
- Designed a User Interface Design prototype in Figma using Atomic Design Methodology.
- Implemented modern web features like Offline support, and real time updates.
- Technologies used- React, Firebase(Authentication, Firestore, Storage, Cloud Functions).

Cross Platform Application for Event Registration [Link](#), [GitHub](#) Dec 2017 - May 2018

- Co-ordinated the team to solve event registration hassle for Karunya University.
- Developed cross-platform apps (Web, Mobile and Desktop) with a React Redux core app.
- **Reduced the time taken to register for an event from 2 min to 5 sec.**
- Technologies used - React, Redux, React Native, Electron, Laravel (REST API), MySQL, JSON.

COURSEWORK

Data Structures and Algorithms	Software Testing and QA	Cloud Computing
Database Management System	Java Programming	Machine Learning

CERTIFICATIONS

- **Cloud Infrastructure and Services** by EMC².
- **Red Hat System Administration.**

HACKATHONS

- **GirlHacks** `2019
- **ShellHacks** `2020