Prajval M

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🐙 https://github.com/26prajval98

#19, "BIMAJYOTHI" LIC Colony 3rd Cross

Basaveshwaranagara, Bangalore - 560079

DOB: September 26, 1998

EDUCATION

DEGREE/PROGRAM	INSTITUTION	% / CGPA	YEAR
B. Tech – Computer Engineering	National Institute of Technology Karnataka, Surathkal - 575025	9.12/10 (Till 4th Sem)	2020
XII - State	VVS Sardar Patel PU College Basaveshwaranagara Bangalore - 560079	97%	2016
X – CBSE	Kendriya Vidyalaya Malleshwarm Bangalore – 560 055	10/10	2014

ACHIEVEMENTS

- **SMART INDIA HACKATHON 2018**
  Runner up (2nd position). It was conducted by Government of India in accordance with MHRD.
- **Secured 2591 rank in SnackDown 2017**

INTERNSHIPS

- **Backend Developer and Data Analyst** at Perfectice (MyPerfectice)
  Create REST APIs and one-time scripts in node to handle Big Data.
  Changing the structure of database (MongoDB) to optimise the query time.
  Optimizing existing Node.js code and migrating to v8.11 from v6.11
  draw conclusions from the collections in database.

PROJECTS

IET NITK Website	The website is for IET NITK, of which I am an executive member of. This was made with React and firebase. An online test for the recruitment was conducted in this platform. https://ietnitk.org/
GetMaid	App which allows users to find maids nearby. The app provides maid as an instant service. This was developed using Golang and MySQL database in the server, and the client using react.js and redux. Server: https://github.com/26prajval98/GetMaid-Server Client: https://github.com/26prajval98/GetMaid-Client

FQ-PIE in ns3	Implementation of AQM algorithm FQ-PIE in ns3. https://github.com/SUMUKHA-PK/FQ-PIE-ns-3
ExM **(Expenditure Management Web Application)**	It allows users to log in and track their expenditure. Backend uses Node.js. Passport.js is used for authentication and Facebook OAuth is also used. Frontend uses Vue.js and axios. Server: https://github.com/26prajval98/ExM-Server Client: https://github.com/26prajval98/ExM-Client
Witty Lights **(Smart India Hackathon)**	Wrote a part of server which uses Node.js and created the client. The project used python 3 and Node.js.
16-bit MIPS Microprocessor **(Course Project)**	16-bit MIPS processor circuit design using Logisim and its functionality using Verilog. https://github.com/26prajval98/16-BIT-MIPS-PROCESSOR
OS Simulator **(Course Project)**	Operating Systems team project. I had implemented Page Replacement Algorithm. Uses HTML, CSS, JavaScript and its frameworks jQuery and Vue.js.
Aradhana 18 Website and Server	A website for registration of students participating in Aradhana. Uses Node.js and MongoDB. https://github.com/26prajval98/ARADHANA18

SKILLS	• Programming Languages: C, C++, JavaScript, Golang, Python, Node.js (JavaScript Runtime), Cuda C++, MATLAB, Verilog • Front-End Frameworks: React.js, Vue.js, jQuery • NoSQL Databases: MongoDB, Firebase • SQL Databases: MySQL • Tools: git, postman, VS Code, Studio 3T, MongoDB Compass Community
CO-CURRICULAR ACTIVITIES	• Executive Member, **TRONIX COMMITEE**, NITK • Executive Member, **IET-NITK** Student Chapter • Executive Member. **SPICMACAY** NITK Chapter
INTERESTS AND ACTIVITIES	• Playing basketball • Playing tabla • Cooking • Gaming