

BALAJI KAMALESAN

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SUMMARY

As a motivated and hardworking individual with good analytical, communication and team building skills, I would like to look for challenging opportunities with a good blend of mathematics, machine learning and computational data science. This will help me learn progress as well as create an impact and add value to the company.

SKILLS

Programming Languages & Frameworks: C, Node JS, Express, React JS, MongoDB, PostgreSQL, Sequelize

Course work: MERN Stack Developer, Software Life cycle, Organised Management, Logics in programming.

PROFESSIONAL EXPERIENCE

Junior Full Stack Developer (Intern) – K M Unotag

(Apr'20-Jul'20)

- Responsible for creation of API related to customer questions in Node and React.
- Working on a chat bot project using Bot-kit in Node for better customer experience.

Student's Mentor – AttainU

(Sep'19-Mar'20)

- Responsible for reviewing and scoring the assignments of 10 students of AttainU Falcon batch
- Responsible for evaluating Monthly Assessments of those students
- Conducted Doubt clearing session for topics like React JS, MongoDB, Node and Handlebars

WEB APPLICATION PROJECTS

Book My Show - Clone (AttainU Capstone Project [LiveApp](#) / [GitHub](#))

(Feb'20-Mar'20)

- Implemented **backend logics for booking the seats** for a particular theatre and **sent confirmation emails using Node mailer**
- Created react **components for implementing cards for each movie** with a description page
- Implemented CRUD operations in PostgreSQL using Sequelize
- Deployed the application using Heroku and Elephant SQL

Parcel Ninja – A Deliver app (AttainU Shallow dive – [LiveApp](#) / [GitHub](#) / [Demo](#))

(Oct'19-Nov 2019)

- Implemented REST Api for User and Ninja Registrations and validated form data.
- Managed to implement CRUD operation in Mongo DB for parcel and ninja tracking.
- Created frontend pages for displaying Ninja and user details using Handlebars (Template System)

Management of Bank accounts using web extension (Guide – Rithika, KPMG)

(Aug'17-Sep'17)

- Was able to **generate spendings data** in an organised manner and created a **data model to reduce the spendings**.
- Created a concept to make **web extension based transactions** using Basic HTML and JS.

Smart city Street Lights (Guide – IBM Executives)

(Feb'15)

- Applied the **concepts IoT in the field of street lights** and created an organised street light prototype that can **switch between static and glowing states** when needed.
- Used **IBM Bluemix, Node and MongoDB** to manage data, created this as a part of IBM Hackathon at IIT Hyderabad.

ACHIEVEMENTS

Scholastic Achievements	<ul style="list-style-type: none">Selected in the top 10 for IIT Madras's Smart India Hackathon program during Shaastra 2017.Placed third in RBS's Smart banking Hackathon.Placed under top 100 students for developing a web based medical health system - L&T Techgium 2018
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EDUCATION

Program	Institution	%/CGPA	Year
MERN Stack Development	AttainU	NA	2020
Computer Science and Engineering	Veltech Dr RR &SR Institute of Science and Technology	Drop Out	2018
Class XII (State Board)	SVVB. Matric Hr. Sec. School, Dharmapuri	79.8	2013
Class X (Matric)	SVVB. Matric Hr. Sec. School, Dharmapuri	84.4	2011

POSITIONS OF RESPONSIBILITY

Head Technical club, (Apr'18-Dec'18)	<ul style="list-style-type: none">Supervised the coding community, technical club benefitting around 50+ studentsConducted sessions on behalf of the Tech Operations club on web developmenttHelped students to take up projects and guided them until finish.
IEEE Students Chairman (Jul'16-May'18)	<ul style="list-style-type: none">Conducted a number of events that helped the students in improving technical and communication skills.Organized an International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials.