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WORK EXPERIENCE

Senior Engineer	Mahindra Comviva	September 2016 — August 2018

- **Designed a framework for Bot** Creation in Palmleaf Product.
- Responsible for **architecture and building of micro-services** as well as SaaS cloud solution (multi/single tenant).
- Responsible for performing quality review for the team and leading them.
- Developed web-app of Palmleaf in **React.js and Redux.**
- Developed marketing tool for digital banking in MFS.

Software Developer	Click Labs	April 2015 — September 2016

- Designed database and developed backend of **six projects.**
- Standardized optimal coding structures.
- **Optimized nearby fleet search algorithms** used in on-demand products.
- **Improved architecture** of custom calendar/slots.
- Responsible for **leading the back-end team**, training new recruits and performing quality review of the team.

Contributor	Open Source Contributor	July 2014 — Present

- Developed **fifteen open source** projects and **two automation tools**.

EDUCATION

M.Eng (Engineering Management)	University of Ottawa	September 2018 - Present

- **Courses**: Project Management, Management Skills, Corporate Finance, Managerial Accounting, Creativity & Innovation.

B.TECH (IT)	GGSIPU, India	August 2010 - May 2014

- **Courses**: Data Structures, Fundamentals of Algorithms, Database Management, Object Oriented Programming, Operating System.

TRAINING AND CERTIFICATION

Machine Learning	Udemy	October 2017

- Hands-on on various regression techniques, sampling, neural networks, NLP with Python and R.

Industrial Training	IITM department of MTNL	July 2013 — August 2013

- Training on networking and advanced networking concepts.

SKILLS

- **Languages**: JavaScript*(Proficient)*, Java, Python, C++, CSS, HTML
- **Libraries and Platforms**: Node.js*(Proficient)*, Socket.io, React.js, J2EE, React-Native, Android, JQuery, Bootstrap/Material.
- **Frameworks**: Hapi.js*(Proficient)*, Express.js, Redux, MVC.
- **Databases**: MongoDB*(Proficient)*, Neo4j, MySQL, CouchDB, Elasticsearch, Redis
- **Testing**: Mocha, Chai
- **IT Constructs**: Data Structures, Algorithms.
- **Interpersonal Skills**: Problem Solving, Mentoring, Leadership, Training, Critical Thinking.

PROJECT EXPERIENCE

- **Donna**: Developed NLP based voice and text assistant that will schedule a meeting based on trends, positive and negative sentiments. *(1st prize in hackathon)*
- **Clinic World**: Architect and developer of the backend for interactive portal for doctors and patients. Also responsible for management of schedule, appointments for doctors and lab rooms. *(Neo4j, MongoDB, Node.js, socket.io)*
- **GithubBrowser**: Developed cross-platform mobile app for browsing repositories from GitHub. (React.js, React-Native)
- **TempClick**: Architect and developer of the backend for platform to manage and search contractual jobs.*(Node.js, MongoDB)*
- **Holmes-Network**: Developed a tool that provides analytics of tweets from twitter. *(Elasticsearch, Node.js)*
- **Safai Mitra**: Architect and developer of the backend for on-demand garbage collection platform. *(MongoDB, Node.js)*
- **Serv2day**: Architect and developer of the backend for app that caters to household services. *(MongoDB, Node.js, socket.io)*
- **JScheduler**: Developed job automation tool that runs batch cycles at specified time and keeps track of real-time logs.*(J2EE, MySQL)*
- **JFlow**: Developed tool for debugging that generates a tree from the product's flow. *(Java Swings)*
- **PlaceMeant**: Designed and developed a platform for student and companies using associative mining concepts.*(Android, MySQL)*

AWARDS AND ADDITIONAL EXPERIENCE

- **1st prize in hackathon conducted by Mahindra Comviva.**
- **Star of the Quarter Award at Click Labs.**
- Published npm module: https://www.npmjs.com/package/pure-util
- Volunteer in college fest event "Ideatum".
- **1st prize in inter-class science model making and cover designing.**