

SURYA PRAKASH PANDEY

suryaprakash.cdac@gmail.com | +91-7620042110 | <https://surya5954.github.io/>

PROFESSIONAL SUMMARY:

- Software Engineer lead with 6 Years of experience developing user friendly web applications in JavaScript, NodeJS, React, HTML, CSS, Angular.
- Created a Node module to establish Authentication/Authorization for Microservice to create JWT on LTPA to access HCL Connections private data.
- Created NodeJS utility to automate flow of validating and merging language files from third-party on private GitHub repo, which helps reducing manual efforts of a 4 people team for 3-4 sprints in just one click.
- Lead a team of 4, to create a prototype of inventory management portal during test phase of getting project from Client worth 30M, presented demo and won.
- Created a tool using Electron framework from scratch, helped organization to simplify the process flow of Revenue, Cost, Contribution and FTE planning. The tool is getting used by more than thousand users across two MNCs.
- Medium posts published under good publications with more than 10K views and good page indexing on Google, visit [here](#).

KEY SKILLS:

Programming Languages:	JavaScript, TypeScript
Frame Works/Architecture:	NodeJS, Electron, Express, Loopback, Passport
Server Known:	Apache, Nginx
Configuration tools:	Lerna, Webpack, Babel, Gulp
Web Technologies:	HTML, CSS, Ajax, JQuery, React
Databases:	MySQL, SQLite, MongoDB, Redis
IDE Tools:	Visual studio code, NetBeans, Atom
Debugging Tools:	Chrome dev Tool, Firebug, Postman
Code Management:	GITHUB, GITLAB, Tortoise SVN

PROFESSIONAL EXPERIENCE:

HCL SOFTWARE, PUNE MAHARASTRA INDIA

AUG 2019 TO PRESENT

Senior Software Engineer (Full-Stack Developer)

Accomplishments:

- Learned and Implement the Authentication/Authorization flow with OIDC, OAuth V2.0 protocol using Azure endpoints, helped Multi-tenant release of application.
- Created a proxy server to enable CORS and set Authorization header for request coming from React, helped team to integrate APIs for development on local.
- Setup and install Nginx server as load balancer and reverse proxy.
- Learned and implemented React UI components for community creation flow.

KPIT, PUNE MAHARASTRA INDIA

APR 2015 TO AUG 2019

Software Engineer (Full-stack Developer)

Accomplishments:

- Got a chance to work on a successful project from scratch till 3 years, getting used by Higher Management of Organization across the Globe to plan, review, approve a project proposal for Client.
- Created custom table UI component having add /delete/ duplicate per rows and freeze/ collapse/ expand per column features using jQuery and event-based DOM functions.
- Implemented Two factor authentication (Time based OTP) for authentication purpose of offline tool. Also generated QR code to make scan available for mobile application like Google Authenticator, Microsoft Authenticator as well as similar extensions for browsers.
- Created SQLCipher binary to build with SQLite3 Node module, saved binary cost of around \$499 for Windows and MacOS each.
- Used Express for creating Restful APIs for providing dynamic data to Angular component via services from the PostgreSQL database.
- Configured LDAP APIs to authenticate from LDAP server and created middleware functions to authenticate request coming to NodeJS server.
- Used Operators from RXJS library for formatting the response into the desired format and for showing the status of the HTTP requests to the user.

PROJECTS:

PROJECT TITLE: HCL CONNECTION

AUG 2019 TO PRESENT

Link: <https://www.hcltechsw.com/products/connections>

Role: Full Stack Developer

Project Description: HCL connections formally known as IBM Connections, an enterprise-collaboration platform which helps teams work more efficiently.

Responsibilities:

- Being part of security squad, our major goal was to establish Authentication and Authorization flow for HCL Connections.
- Learn and create microservices to support Component Pack Deployment of HCL Connections.

Technologies: NodeJS, JavaScript, React, OAuth2, OIDC, Nginx, Apache, Keycloak, Docker, Kubernetes

PROJECT TITLE: PCMT

MAY 2016 TO APR 2019

Role: Full-stack JavaScript Developer

Project Description:

This tool is used for creating proposal of a project for company itself and customer review. It is a cross platform tool, created as OSX and Windows native application using web technologies. It uses GitHub project Electron as framework. Database part is maintained using SQLite.

Responsibilities:

- Developed this tool from scratch using technologies like JavaScript, NodeJS, HTML, CSS, jQuery, SQLite.
- Development of UI pages as well as Backend Development using NodeJS and SQLite.
- Database Design of the system using DB Designer tool.

Technologies: HTML5, CSS3, JavaScript, JSON, jQuery, NodeJS, SQLite, Bootstrap, GIT, Redmine, NSIS, GULP

PROJECT TITLE: E-SHOP

NOV 2018 TO APR 2019

Role: Technical Lead

Project Description:

This tool is for providing centralization management of hardware distributed among multiple projects in an Automotive Organization. This tool provides e-commerce website feel for ordering, tracking, and shipping mechanism for hardware within Organization around the Globe.

Responsibilities:

- Helped team in gathering, understanding and analysis of requirements, also worked on Architecture and Database design of the application.
- Developed working prototype of application in the Test phase and demonstrated to win the project from Customer.

- Sprint planning to follow Agile methodologies, task designing and assignment to the team using project management tool JIRA.

Technologies: HTML5, CSS3, JavaScript, Angular, JSON, jQuery, Web pack, Node.JS, PostgreSQL, Bootstrap, GIT, JIRA

HOBBY PROJECTS:

- **LoginAs**
 - React SPA with social provider login feature like Google, Azure, Facebook etc.
 - GitHub URL: <https://github.com/surya5954/loginas>
- **tinyURL**
 - NodeJS, Express and SQLite project to develop URL shortening feature with help of RESTful APIs.
 - GitHub URL: <https://github.com/surya5954/tinyURL>
- **Spacexprogram**
 - Server side rendering implement with React, Material UI and NodeJS with on scroll lazy loading.
 - GitHub URL: <https://github.com/surya5954/spacexprogram>

ACADEMICS:

- Passed **PG-Diploma** from **CDAC, Pune** with **78%** in **Embedded System Design**.
- Passed **B.Tech** from **Anand Engineering college, Agra** affiliated with **Uttar Pradesh Technical University(UPTU)** with **70.9%** in **Electronics and Communication Engineering**.
- Passed **Intermediate** from **S.S.V. Inter College, Faizabad** affiliated with Uttar Pradesh Board with **75.6%** in Math stream.
- Passed **High School** from **S.S.V. Inter College, Faizabad** affiliated with Uttar Pradesh Board with **73%**.

PERSONAL DETAILS:

Date of Birth	5, March 1993
Gender	Male
Marital Status	Married
Languages Known	English, Hindi
Nationality	Indian
Hobbies	Reading, Blogging,
GitHub profile	https://github.com/surya5954
Linked profile	https://www.linkedin.com/in/surya5954/
Medium profile	https://suryaprakash-pandey.medium.com/