

SURYA PRAKASH PANDEY

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WORK EXPERIENCE

HCL SOFTWARE | SENIOR SOFTWARE ENGINEER

Pune, MH, India | Aug 2019 – Present

- Created a **Node module** to allow Node apps access the private data of HCL Connection using IBM Websphere **authentication** token like LTPA and further package same in **JWT token** for micro-services to authorized use of data.
- Integrated application with IDPs **Azure AD and Keycloak**, Social IDPs like **Facebook, Google, Github** as part of POC enabling customer to integrate multiple providers.
- Created **Node.js** 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.
- Developed **React** UI component for Community creations forms, Highlights and Overview pages, integrated **REST APIs** for dynamic data flow.
- 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.

KPIT TECHNOLOGIES LTD. | SOFTWARE DEVELOPER

Pune, MH, India | Apr 2015 - Jul 2019

- Lead a team of 4, to create a prototype of inventory management portal using **Angular, Node.js and Postgresql** during test phase of getting project from Client worth **30M**, presented successful demo.
- 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**
- Created custom table UI component having add /delete/ duplicate per rows and freeze/ collapse/ expand per column features using **jQuery and DOM manipulations**.
- Customized **SQLite3** node module building with **SQLCipher** binary generated using **OpenSSL** Library to support SQLite3 database encryption in Electron project.

SKILLS

Languages: JavaScript, TypeScript, PHP, C
Technology: Git, AWS, Docker, Nginx, OIDC/Oauth2.0

Web Development: Node.js, Express, React, CSS, HTML
Databases: MySQL, SQLite3, MongoDB, Postgresql

PROJECTS

HCL CONNECTIONS

NODE.JS, JAVASCRIPT, REACT, NGINX, OIDC/OAUTH2.0, DOCKER, AWS CLOUD

An enterprise-collaboration platform that makes it easy to connect with others and exchange ideas. Start sharing important information, building a network of useful contacts, and following people that interest you.

INVENTORY MANAGEMENT FOR AUTOMOTIVE

ANGULAR, NODE.JS, JAVASCRIPT, POSTGRESQL, PM2

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.

PROJECT CONTRIBUTION AND MANAGEMENT TOOL

NODE.JS, ELECTRON, JAVASCRIPT, HTML, CSS, JQUERY, OBJECT-ORIENTED DESIGN, SQLITE3

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.

EDUCATION

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING
PG-DIPLOMA IN EMBEDDED SYSTEM DESIGN

Pune, MH, India | Feb 2015

UTTAR PRADESH TECHNICAL UNIVERSITY
B.TECH IN ELECTRONICS AND COMMUNICATION ENGINEERING

Agra, UP, India | May 2014