

BHUPENDRA JAISWAL

Front End Engineer

Phone: 0450940242 | email: bhumendra@bhumendra-jaiswal.com | Sydney NSW | Permanent Resident
www.linkedin.com/in/bhumendrajaiswal

CAREER OVERVIEW

An accomplished Front End engineer with 10 plus years of demonstrable industry experience in designing, and developing user friendly apps for enterprise solutions. Strive to build and improve reusable tools and solutions to achieve quality user experience results for client.

Expertise includes:

- Web Development
- Mobile Apps development
- Version Control
- UX Design
- Debugging & Value addition
- Test Driven Development
- Agile Methodology
- Cloud App Development
- Automated unit tests

Tech Stack

- React JS, MVC/WEB API, JSP, ES 6, Javascript, JSP, Bootstrap, HTML, CSS, C#, VB .Net
- Node.js, NPM, MSSQL, MongoDB, Oracle

PROFESSIONAL EXPERIENCE

NTPC LTD India

Mar 2015- Aug 2019

Manager IT

Responsibilities:

- Worked as app developer for mission critical projects e-health and SSO apps.
- E-health was an integrated health system solution for NTPC hospitals to provide quality healthcare. It helps to book appointments online, keep health records and help in asset management.
- Collaborate with senior manager, health managers, and UX team to clarify user requirements, UI design issues, estimate tasks, and deliver quality product road map using software engineering principles with in committed time period.
- Solved old JavaScript issues by switching to React JS & ES6 scripts to improve coding responsiveness in e-health application.
- Improved security of application by switching to JWT authentication for accessing API services.
- Improved robustness of application by Write unit test codes to fix any issues during testing phase.
- Dedicated to work with hospital management to provide tier 3 support for user issues.
- Developed another SSO mobile application using android platform to connect various back-end service applications for users.
- Writing product documents to help users to see the detail specifications.

Achievements:

- e-health System helped in achieving online stock availability.
- created online health history of patients
- created online reports for analysis by management
- Received GM award for revamping of NTPC India website

NTPC Limited India

Mar 2012 - Feb 2015

Deputy Manager IT

Responsibilities:

- Worked as Front End Engineer and build expertise in using HTML, Js Frameworks and CSS web technologies tools and streamlining back end database.

- Developed new algorithm as per new regulatory requirements for ABT system software.
- Wrote unit tests for new algorithm to improve micro services in ABT .
- Develop creative features such as extending ABT reports to GM dashboards and live power generation data on mobile by developing mobile applications.
- I also mentored with other developers on the ABT project in resolving day to day issues
- Provided technical advice and assists in solving issues such as connectivity by releasing security patches for e-shift log app.
- Used Scrum Agile Methodology in my work (Daily Scrum Meeting, Planning Poker, Sprint Backlog, 1 on 1 meeting).

Achievements:

- New version of ABT system was released on time and implemented successfully with training to users.
- ABT system helped to generate the power economically, earn deviation charges and saving fuel cost.
- Helped in saving \$100,000 annually on fuel charges due to cost benefit analysis available in system

NTPC Limited India Sep 2008 - Feb 2012 Assistant Manager IT

Responsibilities:

- Analysis, Design, Development and Testing of Gate Pass application by applying best practices of a software engineer at every phases of the development.
- Day-to-day working with team to design, create and improve new and existing software, platforms and transactions.
- Creating Unit Tests for Movie booking system using a Test Driven Development approach
- Sharing knowledge of tools and techniques with the wider team, both developers and non-developers
- Develop business and system knowledge quickly and lead the development team as Tech Lead/Architect
- SAP and ERP system knowledge and learn ETL operations for SAP systems.
- Gain proficiency in using Microsoft Outlook, Word and Excel use during daily office work.

Achievements

- Proven track record and delivered application such as SSO before deadline.
- This development also helped Service managers to book services easily and also see status of complaints.

4. Other Projects & Roles

- Gate Pass System : Using asp.net and MS SQL and barcode system to create gate pass
- SCE Report System: Using JSP and Java codes to integrate operational data in SAP system
- GM Dashboard : Using JSP and AJAX code to create dashboard for GM of project
- Worked as Auditor for TPIEA for as part of RAPDRP program of Government of India.
- Enthusiastic to train Vendors in development program for NTPC e-procurement initiative.
- IT vendor list and Budget preparation.
- Contribute to open source software in Github community by using Node.js and asynchronous programming to build server to book events in Google calendar API.

EDUCATION

Graduate Diploma in IT—The University of Sydney, NSW

Mar 2018- Feb 2019

- Completed a coursework project to build **Wake Wisely** android application to help users to wake and sleep on time by using different shaking alarms and use stored data to suggest sleeping alerts to the user.
- Excelled in mobile computing, Project management, Usability engineering and Design thinking coursework. Learn new Read aloud and Heuristic Evaluation techniques

Bachelor of Technology in Computer Science, India

Jul 2003- Jun 2007

- Developed a search engine for Job seekers and used data analytics to show the job trends in current market.

PROFESSIONAL CERTIFICATIONS

- | | |
|---|------------|
| • Harvard Manage Mentor certificate on Innovation and Creativity, HBP | Dec 2017 |
| • Python for Data Science, Datacamp | Jan 2017 |
| • Certified Network Security Manager, ERTL India | June -2013 |
| • General Management Module, IIM India | Jan -2016 |

Professional Associations

- Active Member of Australian Computer Society and Professionals Australia.
- Member of physics society at University of Sydney