

NEERAJ SEMAL

Project Engineer | Linux Administrator | Web Developer | PostgreSQL

Kotdwar, Uttarakhand | +91-9012355590 | erneerajsemal@gmail.com

➤ PROFILE SUMMARY

Project Engineer with 6+ years of experience at Bharat Electronics Limited (BEL), supporting defense and government projects. Skilled in Linux server administration (Red Hat), PostgreSQL database operations, and web development using Java/JSP. Hands-on experience in developing internal applications including Health Monitor dashboards, File Search software, and File Upload modules. Strong troubleshooting and deployment expertise in mission-critical environments.

➤ CORE SKILLS

- Linux Administration (Red Hat, Server Handling, Deployment)
- PostgreSQL (Queries, Backup/Restore, Database Handling)
- Java, JSP, HTML, CSS (Web Development)
- Website Development & Deployment (BEL Projects)
- File Upload Modules & PDF Management
- File Search Software Development
- System Monitoring (Health Monitor Dashboard)
- Installation, Configuration & OS Upgrade
- Troubleshooting & User Support
- Defense/Govt Projects Execution

➤ TECHNICAL TOOLS

- Apache Tomcat (Deployment & Hosting)
- Apache HTTP Server (Basic Setup/Configuration)
- Git (Version Control Basics)
- PuTTY (SSH Remote Access)
- WinSCP (File Transfer & Remote Management)
- Linux Shell Commands & Bash
- PostgreSQL Tools (psql, pgAdmin basics)

➤ PROFESSIONAL EXPERIENCE

○ Project Engineer | Bharat Electronics Limited (BEL)

Kotdwar, Uttarakhand | 15 June 2023 – Present

- Working on Indian Air Force VCCS/SDR Project and supporting mission-critical systems.
- Handling Red Hat Linux server operations, monitoring, troubleshooting, and deployments.

- Developing internal web applications for monitoring, file management and reporting.
- Supporting PostgreSQL database operations and system integration.

- **Trainee Engineer | Bharat Electronics Limited (BEL)**

Kotdwar, Uttarakhand | 01 July 2020 – 14 June 2023

- Worked on Delhi CCTV Phase-I, Delhi Police CCTV 6630 and DMRC Red Line projects.
- Provided Linux support, server maintenance, system installation and upgrade.
- Assisted in deployment and configuration of workstations and servers.
- Supported development of web-based modules for internal operations.

- **Apprentice Engineer | Bharat Electronics Limited (BEL)**

Kotdwar, Uttarakhand | 16 Dec 2017 – 15 Dec 2018

- Worked with Linux team for OS setup, system troubleshooting and IT support.
- Assisted in server configuration and handling user requests.

➤ **KEY PROJECTS & CONTRIBUTIONS**

- **Indian Air Force VCCS/SDR Project**

- Linux server handling, monitoring and support.
- Database and web tool support for system operations.

- **Health Monitor Website (BEL)**

- Developed a monitoring dashboard for system/service health.
- Created status reporting pages for IT team operations.

- **File Search Software**

- Developed tool for searching and listing files from server directories.
- Improved file access speed for internal operations.

- **File Upload Module**

- Developed secure upload module for PDF/document handling.
- Managed file storage organization and retrieval.

➤ **EDUCATION**

- B.Tech (Computer Science Engineering) – Uttarakhand Technical University, Dehradun (2011–2015) | First Division
- 12th (NIOS) – 2010 | Second Division
- 10th (CBSE) – 2008 | Second Division

➤ **ADDITIONAL STRENGTHS**

- Strong troubleshooting and analytical skills

- Quick learner with ability to work under pressure
- Team player with strong ownership and responsibility
- Ability to manage critical defense projects and deadlines

➤ **PERSONAL DETAILS**

Date of Birth: 30 May 1992 | Marital Status: Married | Languages: Hindi, English

Declaration: I hereby declare that the above information is true to the best of my knowledge and belief.

Place: Kotdwar

Signature: Neeraj Semal