Pankhuri Gupta

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EDUCATION

NORTHEASTERN UNIVERSITY	**Expected Graduation Dec 2025**
Master of Science (MS)	**Major**: Computer Science Engineering	Boston, MA
BML MUNJAL UNIVERSITY	**Sept 2015 – Aug 2019**
Bachelor of Technology (B.Tech)	**Major:** Computer Science	Gurgaon, Haryana, India

TECHNICAL SKILLS

Back –end Programming Languages and Frameworks: Java, Python, PHP, C++, C, C#, ASP.NET Core, AJAX, Spring Framework, Spring boot

Front –end Programming Languages and Frameworks: HTML, CSS, JavaScript, Typescript, Angular, React

Databases & Operating Systems: PostgreSQL 14, MSSQL, MySQL, MongoDB Windows, Linux

DevOps: Jenkins, Kubernetes, Docker, Kafka

Web Services & Server: REST, XML, JSON, IIS, Apache Tomcat

Software Tools: SVN 1.5, Jenkins 2.150.1, Kettle Spoon 5.3.0, MySQL Workbench 8.0, Eclipse Juno, IntelliJ 2023, Spreadsheets, MySQL, Google Cloud Platform

Project Management (CI/CD) Tools & Version Control System: JIRA, Jenkins, Git, Debugging Tools, Kettle Spoon Tool

PROFESSIONAL EXPERIENCE

Software Engineer | HEXAGON INDIA PVT. LTD. | Noida, Uttar Pradesh, INDIA   **July 2021 – Dec 2023**
- Spearheaded Java-based **GIS solutions** for Defense and Aviation clients, enhancing application performance by up to **15%**, particularly in critical areas like jitteriness
- Proactively delivered technical consulting (**Java & GIS**) to clients in the defense and aviation industry, significantly contributing to project success and achieving a conversion rate exceeding **80%**
- Directed interactions with new clients, collaborated on evaluating business requirements, translated specifications into proof-of-concept (POC) applications, and delivered in-house solutions
- Effectively showcased product and SDK capabilities, achieving a conversion rate of **>50%**

Assistant Software Engineer | TATA CONSULTANCY SERVICES | Lucknow, Uttar Pradesh, INDIA   **Sept 2019 – June 2020**
- Played a key role as a developer in a **TCS ION project** adopted by over **200**+ customers across India. Skillfully developed intuitive UIs using **Web Technologies** within a **Dice MVC framework**, impacting a diverse customer base
- Employed **OOPS** concepts extensively in backend development to ensure scalability and maintainability.
- Proactively triaged client issues, reducing resolution times by **5 hours** per week while ensuring on-time product development
- Manipulated large volumes of data, implementing operations for download, insert/update, and data validation

Software Developer Intern | 4C PLUS (INTERNET) COMPANY LTD. | Ghaziabad, Uttar Pradesh, INDIA   **Feb 2019 – Aug 2019**
- Engineered e-commerce components, integrating **Electron Angular** for a Superadmin desktop app, optimizing cross-platform functionality. Achieved a **20%** increase in user engagement and enhanced overall efficiency by **30%**
- Engaged in Frontend and Backend development, contributing to a **25%** acceleration in project timelines and a **15%** improvement in overall system responsiveness

PROJECTS

ElderlyCare Solution   **Mar 2024 – Apr 2024**
- Directed the development of a **web-based solution** aimed at addressing the global challenge of an aging population, resulting in significant improvements in accessibility to healthcare services for elderly individuals **[GitHub]**
- Designed and implemented **EC-Buddy AI assistant feature**, facilitating a high volume of doctor appointments tailored to elderly individuals' needs.
- Empowered doctors with real-time access to appointments, enhancing operational efficiency and patient satisfaction

EFHX (Enterprise from Home Exchange) Portal   **Oct 2020 – Jan 2021**
- Collaborated in a 5-member team to develop a freelance platform, facilitating efficient **networking and job searches**. Achieved a **30%** increase in freelancer connections and streamlined job matching, significantly enhancing company engagement

Customer Portal HT Media   **Feb 2021 - July 2021**
- Implemented both frontend and backend development on the portal, enhancing user experience and optimizing system efficiency. Achieved a **20%** reduction in page load times and boosted overall user satisfaction by **15%**
- Engineered a web application with REST APIs to implement auto-emailing and manual email functionalities, effectively notifying customers about billing, outstanding amounts, invoices, and **EVTS generation reports**

CRAC Infosystem Pvt. Ltd. Website   **May 2018 - June 2018**
- Interned as a web developer, leading the design and development of the **company website** using **HTML, CSS, and JavaScript [Link]**
- Resulted in a **25%** increase in online engagement and a **20%** improvement in website responsiveness

PROFESSIONAL DEVELOPMENT AND ENGAGEMENT

- Contributed to the development of Secure Social Share, an award-winning app at **ETHBoston 2024 Hackathon**, leveraging Threshold Network's TaCo for secure data sharing, with smart contract-based access control and end-to-end encryption **[Link]**
- Achieved **2nd place** in the highly competitive **Webnova II Hackathon 2024** by solving the "Count the Containers" challenge. Developed a solution to estimate the number of containers that have arrived or departed from a shipping port, using image analysis and calculating the differences between two images **[Link]**
- Participated in various hackathons producing solutions based on improving voters decision-making, secure data sharing, achieving career goals by leveraging tailored skills for impactful contributions, containers count difference