

Archit Gupta

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EDUCATION

Northeastern University	Boston, MA
Master of Science in Computer Science — GPA: 3.83/4.0	Jan 2025 - May 2027
Guru Gobind Singh Indraprastha University	Delhi, India
Bachelor of Technology in Computer Science — GPA: 3.55/4.0	Jul 2018 - Jul 2022

WORK EXPERIENCE

Application Developer Intern	Jan 2026 - Jun 2026
Abacus Health Solutions	Cranston, RI
<ul style="list-style-type: none">Engineered end-to-end web applications using C#, .NET, and React, reducing portal loading time to 20 ms from 3 seconds and improving business process efficiency by 20% using Agile methodologyIntegrated RESTful APIs with OAuth authentication and developed unit tests achieving 20% code coverage, maintaining security standards for data storage and communications ensuring compliance for 20+ MNCs	
Khoury College Teaching Assistant	Sep 2025 - Dec 2025
Northeastern University	Boston, MA
<ul style="list-style-type: none">Directed weekly CS1800 Discrete Structures recitations and office hours, clarifying complex concepts for 100+ students, leading to a 15% increase in average exam scoresDeveloped and presented 20+ practical code examples that helped bridge the gap between complex mathematical proofs and computer science principles, demonstrably improving student understanding and enhancing practical application	
Technical Support Assistant	Feb 2025 - Jan 2026
Northeastern University	Boston, MA
<ul style="list-style-type: none">Programmed a PowerShell script to automate the imaging and configuration of 100+ Windows devices, reducing manual configuration errors by 95% and accelerating deployment by 40%Led software upgrades for 40+ systems, pinpointed critical performance bottlenecks, and deployed targeted technical solutions, decreasing software-related support tickets by 35% within JIRA and ServiceNow	
Software Engineer	Aug 2022 - Dec 2024
Ernst & Young	Delhi, India
<ul style="list-style-type: none">Architected and delivered 3+ full-stack web applications using React.js, AngularJS, and Microsoft Power Platform for Fortune 500 clients across North America, Europe, Australia, and Middle East, driving \$500K+ annual revenueImplemented end-to-end full-stack applications integrating REST APIs with MongoDB databases, configuring CORS policies and seamless frontend and backend communication across 10+ API endpointsConstructed a complex React.js web application with advanced search and custom hooks, also integrating SharePoint REST API, enabling efficient user data management that reduced data retrieval time from 50 seconds to 30 secondsCollaborated in 20-person team to develop EY.AI, a custom generative AI platform using ChatGPT's API for 400,000+ employees with enterprise security. Launched scalable solution achieving 99.9% uptime and company-wide AI assistanceEnhanced cross-functional collaboration in Agile/Scrum teams using Git version control and Azure DevOps for streamlined SDLC processes, reducing deployment errors by 40% and boosting team productivity by 25%Redesigned distributed system performance by applying efficient sorting and graph algorithms for data processing workflows across microservices architecture, reducing computational complexity and improving system throughput by 2xIntegrated comprehensive logging and monitoring solutions using Datadog and CloudWatch for real-time performance tracking, enabling instant issue detection and reducing mean time to resolution from 4 hours to 30 minutesSpearheaded the implementation of automated CI/CD pipelines with Azure DevOps and Git workflows, cutting down full-stack web project deployment time by 60% and improving code integration	

PROJECTS

SmartOffice Workflow Manager	
<ul style="list-style-type: none">Built a React-based web application with 5-tier approval workflow to manage company-wide Return-to-Office policies, improving request handling efficiency by 50% and reducing processing errors	
TechSkill Assessment Platform	
<ul style="list-style-type: none">Deployed a React/SharePoint exam platform with four modules, replacing a manual system; this platform delivered instant results and supported 500+ employees' technical skill assessments	
Executive Performance Analytics Dashboard	
<ul style="list-style-type: none">Established a website using MERN stack for 1,000+ EY partners across Europe West Region to streamline KPI and OKR management with country-specific admin roles, reducing review time by 70% and improving approval efficiency	

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C#, C++, Java, SQL

Web Technologies: React.js, AngularJS, Node.js, Express.js, .NET, REST APIs, HTML, CSS, Flutter

Databases: MongoDB, PostgreSQL, MySQL, SQL Server, SharePoint

Cloud & DevOps: Azure DevOps, Docker, Git, GitHub, GitLab, Jenkins, CI/CD Pipelines, Datadog, CloudWatch

Tools & Frameworks: Agile/Scrum, Linux, JQuery, Bootstrap, OAuth, Power Apps, Power Automate, JIRA