GAUTAM ANEJA

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EDUCATION

California State University, Fullerton
Fullerton, California
Master of Science in Computer Science
Aug 2023-May 2025
- Coursework: *Advanced Algorithms, Introduction to Machine Learning, Advanced Database Management, Advanced Blockchain Technologies and Modern Software Management.*

SRM Institute of Science and Technology
Kattankulathur, India
Bachelor of Technology in Computer Science and Engineering
Aug 2014-May 2018
- Coursework: *Data Structures and Algorithm Design, Operating Systems, Artificial Intelligence, Database Management Systems, Object Orientation, Computer Architecture and Computer* Networks.

WORK EXPERIENCE

Boehringer Ingelheim
Ridgefield, Connecticut
IT Product Engineer – Intern
May 2024-Aug 2024
- Built scalable full-stack web tools supporting internal research workflows, using Angular and Node.js to deliver secure, responsive UIs.
- Designed and implemented REST APIs for clinical data pipelines with robust error handling, leveraging PostgreSQL and MongoDB for storage flexibility.
- Led cross-functional design sessions with global teams to ensure seamless UX across distributed systems and strict compliance with privacy and security standards.
- Integrated CI/CD pipelines using GitHub Actions and Docker to enable automated testing and deployments across environments.

Capgemini
Noida, India
Senior Associate – Technology
Jul 2021-Jul 2023
- Developed business-critical modules using React and Flask, enabling real-time visualization of financial and operational metrics.
- Optimized backend performance by refactoring API endpoints and introducing pagination, caching, and query tuning on MySQL and MongoDB databases.
- Worked in an Agile remote-first setup, coordinating feature rollouts with stakeholders across multiple time zones, and contributing to sprint planning and retrospectives.
- Implemented secure cloud-hosted solutions using AWS Lambda, EC2, and S3, enabling horizontal scalability and reduced infrastructure maintenance overhead.

Publicis Sapient
Gurugram, India
Associate Technology L2
Jun 2020-Jul 2021
- Delivered modular components in Angular and Node.js for a client-facing logistics platform, enhancing shipment tracking visibility and analytics.
- Built and maintained integration services with third-party APIs, following OAuth 2.0 and JWT-based authentication practices.
- Collaborated remotely with UI/UX and DevOps teams to align feature development with design specifications and ensure smooth deployment through CI/CD pipelines.

Altudo
Gurugram, India
Junior Associate
Aug 2018-Jun 2020
- Designed and implemented a Sitecore-Eloqua connector using C# and .NET for importing contacts into Sitecore's xDb via xConnect and REST APIs, reducing integration time by 30% and improving data synchronization accuracy by 20% in an Agile environment.
- Created custom personalization rules in Sitecore to enhance the user journey, contributing to a 20% increase in client engagement.

Achievement: Generated huge amount of revenue for the company and secured a position in Sitecore Symposium 2019.

PROJECTS

- *Pathwise: Course Recommendation System (CSUF)*
Jan 2025-Current
  - Developing a personalized course recommendation system using C#, .NET, ML.NET, JavaScript, HTML, and SQLite to analyze student data to provide tailored course suggestions, improving academic planning efficiency.
- *Datavant*
Apr 2018-Jul 2018
  - Developed enterprise-grade backend REST APIs using Java and Spring Boot, improving system scalability by 15% in a multi-threaded architecture.
  - Applied object-oriented design principles and Hibernate ORM for efficient DB schema interaction and performance optimization (20% gain).

PUBLICATIONS

- *Indian Patent | Smart AI Based Indoor Air Purification Device*, Approved in Office of the Controller General of Patents, Designs & Trademarks, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India, Application No. 368067-001 [Link]
  - Developed a smart air purification system using Arduino, reducing indoor air pollutants by 35%.
  - Application can measure environmental pollution levels from anywhere, also can activate or deactivate the purifier via smartphone.

TECHNICAL SKILLS

- **Languages:** *Proficient* in Java, C, C#, JavaScript | *Working Knowledge* of Python, C++, HTML & CSS, Node.js.
- **Frameworks:** Spring, .NET, React, ML .NET, Distributed Systems Development.
- **Tools:** Salesforce, Sitecore, Eclipse, Visual Studio, MySQL Workbench, Postman, SaaS DevOps (Azure DevOps), Git.
- **Databases & Storage:** SQL, MySQL, PostgreSQL, Relational Databases, Distributed Storage Systems, NoSQL (MongoDB).