

# Neelkumar Kunjadiya

Tempe, AZ | P: 6232653131 | [neelkunjadiya@gmail.com](mailto:neelkunjadiya@gmail.com) | [Github](#) | [LinkedIn](#)

## Education

### Arizona State University

Master of Science, Computer Science

Tempe, AZ

Aug 2023 - May 2025

### Nirma University

Bachelor of Technology, Computer Science and Engineering

Ahmedabad, India

Jul 2019 - May 2023

## Work Experience

### Data Analyst

Tempe, AZ

Arizona State University

May 2024 – Present

- Collaborated with the Senior Vice President's analytics team to enhance pre-college and student affairs initiatives using data visualization, modeling, and efficient database management, leading to a 20% improvement in program efficiency.
- Developed and maintained high-level, interactive dashboards using Tableau and PowerBI, enhancing stakeholder understanding of complex data through compelling visualizations.
- Conducted in-depth data analysis using Alteryx, Amazon Redshift, and DBeaver, extracting crucial insights that enhanced strategic decision-making and led to superior departmental performance.

### Software Engineer

Ahmedabad, India

YantrAdhigam Labs

Dec 2022 – July 2023

- Spearheaded a Full Stack Application using React Native, Spring Framework, RESTful APIs, and PostgreSQL. Containerized microservices with Docker & deployed on AWS ECS, enhancing UX and reducing processing time by 40%.
- Automated critical aspects with Odoo modules, reducing manual efforts by 40% in inventory management, invoicing.
- Seamlessly integrated the Razorpay payment gateway through containerized microservices on AWS, which enhanced transaction security and drove a 20% increase in online payment volumes.
- Introduced the Accounting Book feature, boosting orders by 10% and offering user flexibility, alongside developing a precise invoice generation system for 100% transaction accuracy and financial reliability.

### Software Engineer

Surat, India

Megnor

May 2022 – July 2022

- Applied CNN for a Recommendation system, employing transfer learning on the VGG-16 model.
- Engineered feature vectors from image data, creating comprehensive style profiles; devised and implemented an innovative similarity scoring algorithm to enhance image retrieval accuracy by 40%.
- Accelerated response times to product recommendations by 30% through the optimization of recommendation algorithms and real-time data analysis, resulting in a more agile and personalized user experience.

## Projects

### Project Management Dashboard | *EC2, RDS, Lambda, PostgreSQL, Next.js, Cognito*

- Architected and developed a highly scalable Project Management Dashboard leveraging Next.js for server-side rendering and Node.js microservices, integrated with AWS cloud-native services to support real time project tracking and collaboration.
- Engineered secure, token-based authentication and role-based access control using AWS Cognito, combined with a robust PostgreSQL backend managed via PgAdmin to ensure high-throughput data persistence and transactional integrity.
- Optimized operational efficiency by implementing advanced state management with Redux Toolkit, deploying interactive UI components with Material UI Data Grid, and orchestrating real-time notifications using serverless architectures.

### Customer-Sales Dashboard | *Tableau, MS Excel, Exploratory Data Analytics*

- Developed dynamic Tableau dashboards to analyze sales performance and customer behaviors, enabling decision-making.
- Provided actionable insights into sales trends, product performance, and customer segmentation, contributing to improved business understanding and strategy development.

## Skills

**Databases & Cloud:** MySQL, PostgreSQL, SpringBoot, AWS, EC2, Cognito, RDS, Docker, PgAdmin, Amazon Redshift

**Languages & Tools:** React Native, Next.js, Express.js, C++, JavaScript, TypeScript, Swift, Java, Redux, Python, Router

**Other Skills:** Problem-Solving, Team Collaboration, Agile Methodologies, Technical Documentation