

Neha Singh

<http://www.nehasinghcode.com>

Email : neha@singhcode.com

Mobile : +1-567-890-1234

EDUCATION

- **UC Berkeley** Berkeley, CA
Master of Science in Computer Science; GPA: 3.85 *Sep. 2014 – Dec. 2015*
- **VIT University** Vellore, India
Bachelor of Technology in Information Technology; GPA: 3.70 (9.25/10.0) *Aug. 2010 – July. 2014*

EXPERIENCE

- **Google** Seattle, WA
Software Engineer *Mar. 2018 – Present*
 - **Cloud AI:** Developed and deployed AI services for Google Cloud, optimizing API response times by 25% and enhancing scalability for enterprise clients
 - **Data Pipelines:** Built and maintained streaming data pipelines using Pub/Sub and Dataflow, processing millions of events daily to support real-time analytics and reduce latency by 35%
 - **Dashboards:** Created and enhanced monitoring dashboards for cloud usage analytics, integrating with internal tools to provide actionable insights and improve resource allocation
- **Salesforce** San Francisco, CA
Software Engineer *Feb. 2016 – Feb. 2018*
 - **CRM Analytics:** Developed advanced analytics tools for customer insights, leveraging machine learning to improve customer segmentation and increase retention by 15%
 - **ETL Pipelines:** Built and optimized data pipelines for CRM data using Apache NiFi, ensuring seamless data integration and reducing processing errors by 30%
 - **APIs:** Designed and implemented REST APIs for real-time data access, enabling third-party integrations and improving data accessibility for analytics teams
 - **Automation:** Automated data validation and processing workflows, leveraging Python and Jenkins to save 25 hours/week and streamline operations
- **Open Source Contributions** Remote
Contributor *2015 – 2018*
 - **Data Tools:** Contributed to Apache Airflow for workflow management, adding features for scheduling and monitoring used in production pipelines
 - **Visualization:** Developed D3.js components for time-series visualization, enabling interactive charting for over 300 open-source projects
 - **Blogging:** Authored over 40 technical blog posts on cloud computing, data engineering, and scalable architectures, widely read in the tech community
- **Fractal Analytics** New York, NY
Data Engineer *Summer 2014*
 - **Predictive Models:** Built and fine-tuned predictive models for customer segmentation, achieving high accuracy and enabling targeted marketing strategies
 - **Reporting:** Developed and automated reporting tools for client analytics, integrating with Tableau to provide real-time insights

PROJECTS

- **Chatbot:** Built an AI chatbot for e-commerce support
- **Visualization Tool:** Created interactive dashboards for sales data
- **Prediction Model:** Designed a churn prediction system for SaaS
- **ETL Framework:** Developed a pipeline for multi-source data integration

PROGRAMMING SKILLS

- **Languages:** Python, Scala, SQL, JavaScript, R **Technologies:** AWS, Airflow, Tableau, Snowflake, Kafka