

# Sachin Dev

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## EDUCATION

### NSS COLLEGE OF ENGINEERING

Affiliated to APJ Abdul Kalam  
Technological University

### BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

2015 - 2019 | Palakkad, Kerala

## LINKS

LinkedIn:// sachin-dev  
Github:// heysachin  
Leetcode:// heysachin  
Kaggle:// devilsknight  
Email:// hello@sachindev.com

## SKILLS

### Programming Languages:

Java • Kotlin • Python

### Frameworks and Libraries:

Spring Boot • React  
Flask • FastAPI • Jinja

### Cloud Platforms:

AWS • Azure

### Databases:

SQL • CosmosDB • Redis  
Cloud Table • MongoDB • Solr

### APIs and Protocols:

RESTful APIs • gRPC •  
Protobufs • gRPC-UI

### DevOps and Tools:

Mixpanel • Grafana  
EventHub • SQS  
Shell Scripting

### Architecture & Design Patterns:

Distributed Systems  
Microservices Architecture  
Event-Driven Architecture  
Circuit Breaker Pattern

## INTERESTS

Generative AI Research  
Open Source Contribution  
Electric Vehicles Technology  
Data Science and Machine Learning

## EXPERIENCE

### GOOGLE | SOFTWARE ENGINEER - SEARCH PLATFORM

Sep 2024 - Present | Bangalore, Karnataka

### CRED | SENIOR BACKEND ENGINEER IV - BANKSTACK

Dec 2022 - Jul 2024 | Bangalore, Karnataka

- Built the first money-making product in "Cred Flash" transacting 300 Million INR per month.
- Developed a highly configurable accruals service with audit capabilities for daily interest posting and double bookkeeping.
- Designed a robust reconciliation and payment scheduling system with automated alerts, handling over 1 million transactions per month and reducing reconciliation time by 40 hours monthly.
- Established a negative balance auditing framework, enhancing data accuracy and reducing operational overhead by 30%.

### UDAAN | PRODUCT ENGINEER III

Jun 2019 - Dec 2022 | Bangalore, Karnataka

### Promotions & Rewards (Jun 2022 - Dec 2022)

- Engineered multi-tenancy into the rewards system, supporting the on-boarding of any new clients in under a day.
- Redesigned rewards ledger system to support Reward Programs, boosting user engagement by 20%.

### Ads & Monetisation (Jun 2019 - May 2022)

- Built the performance, display, and subscription ads, bringing in a revenue of 32 million INR per month within 3 years of launch, by onboarding 1000s of advertisers with a high repeat rate of 85%.
- Designed and optimized Ads Creation, Quality Assurance, Serving Mechanisms, Tracking, Billing, and Reporting Systems.
- Implemented 100% Ads Tracking across the app, used in building analytics dashboards, data science models, and monitoring the overall health of the system.
- Innovated the ads ranking algorithm by collaborating with data scientists to refine targeting criteria; increased the accuracy of ad placements, directly contributing to a 25% rise in overall revenue generated from ads.

## SIDE PROJECTS

- CredGPT:** An internal AI tool using Quivr to index company documentation, providing instant, context-specific answers for internal and customer support.
- Post It Everywhere:** A web app that allows users to connect and manage 5+ social media accounts, enabling simultaneous posting and real-time analytics.

## OTHER HIGHLIGHTS

- CEO at Tricodia Inc, incubated by SV.Co – Led a team of 5 to complete over 15 projects, generating a total revenue of \$9,000 (2016 - 2019).
- Recognized for data science contributions in Kaggle's Newsletter, achieving 2nd Best Kernel of the Month (Jan 2019).