

Tathagat NAWADIA

Software Development Engineer

Energetic, dash and team focused dev.
Good experience in building and upgrading large,
resilient and performance tech ecosystems.



hellotathagat@gmail.com ✉

9066191461 📞

Bangalore 📍

github.com/tathagatnawadia 🐙

WORK EXPERIENCE

Software Development Engineer

Amadeus

09/2016 — Present

Back-end system for most travel websites in the world

Achievements/Tasks

- I work as C++/Python developer on Hotel availability/pricing/reservation/cache backends to develop end-to-end new features or enhancements.
- Love driving quick prototyping. Among top contributors of code and architecture.
- Acted as Innovation scrum master for major part of my division. Mentored multiple interns on travel data science projects.

Full stack Developer

Ballyhoo.today

12/2015 — 03/2016

Deal discovery in Bangalore

Achievements/Tasks

- Lead API framework development for Merchant Dashboard for managing personal marketplaces
- Built payment, SMS and notification services for customer/merchant App
- Was production ready in 2.5 months

EDUCATION

B.E. (7.2 GPA) BIT Bangalore (2016)

Computer Science & Mathematics

10th (92.8% ICSE) (2012)

12th (87.2% CBSE) (2010)

Science & Mathematics

EVENTS

- Conducted & Organized HTML5, Java workshop
- Conducted & Organized Brainbot — 5 hr. brainstorming marathon, Ultimate Code — Intercollege coding competition
- Attended IBM ML-AI workshop, Techvista Microsoft Research and many more meetups

SKILLS

C++

Python

MySQL

Golang

Node.JS

Redis

JAVA

Performance & Optimized Architecture

Innovation Leader

ML/AI (Personal & Research)

PERSONAL PROJECTS

Travel Context Operating System (2018 — Present)

- Built a correlated travel ecosystem metadata framework (flights-hotels-landmarks-live traffic-routes) via API multiplexer.
- Working on building contextual knowledge graph for responding to text-based queries using NLP/NLU.

Aptitude Question ML Solver (2016)

- Domain identification of a question using ML (E.g. Train-platform, time-based, age-based etc.)
- Created sentence data structure and variable affinity module as an input to formula substitution for solving the aptitude question.

Other Mini projects

- **Website crawler:** Designed plugin in JS and NodeJS for analyzing user behavior (clicks/time spent/external links/page content) on a random webpage to find relevant ads.
- **CMS for College Fest:** Managing events, resources, budgets, online registrations, time-venue clash detection and recovery for the complete management of college fest. 6k pageviews, 1.5k unique visitors, 25k API requests in 7 days.
- **Shoutout:** Distributed group chat application developed during college with support of smileys, hashtags, todos and referral.
- **NASA Mission Spacecraft:** Presentation and study of NASA reusable space shuttle mission which built International Space station. Talk about architecture, patents and precautions ending with STS-135.

ACHIEVEMENTS

Amadeus

Annual Dream Team 2017, High Flyer 2018, Hackathon winner (2016) finalists (2018)

Hackathons

4th in Intel-Google, Finalists in PESIT, Finalists in Société Générale

Others

Won school project and appreciated by NASA for Mission Spacecraft

INTERESTS

ML Stack

Experimenting new tech

New age politics

Public Speaking

Travelling

Algorithmic Puzzles