# Prakhar Singh Sengar

Software Engineer, UHG

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## AREA OF INTEREST

Data Structures and Algorithms, Problem Solving, Software Development, Competitive Programming.

## EDUCATION

| STANDARD | INSTITUTE | BOARD | YEAR | CGPA/PERCENTAGE |
|---|---|---|---|---|
| B.Tech (CSE) | NIT Patna | M.H.R.D | 2013-17 | 8.37 CGPA |
| Intermediate (PCM) | Pragati Vidhya, Gwalior | C.B.S.E | 2011-12 | 78.80 % |
| High School | Air Force School,  Gwalior | C.B.S.E | 2009-10 | 9.8 CGPA |

## EXPERIENCE AND INTERNSHIPS

- Software Engineer at **UnitedHealth Group** in Hyderabad  **[Jul 2017 - Present]**
- 6-month Student Internship at **SAP Labs India Pvt. Ltd.**  **[Jan 2017 - June 2017]**
- Eklavya Summer Internship in ASL Lab at **IIT Bombay**  **[May 2016 - June 2016]**

## TECHNICAL SKILLS

- Programming Languages:
  **Java** (proficient and project experience), **C++** (proficient), **Python** (project experience)
- Tools:
  Eclipse, Maven, DB Visualizer, Jenkins, XL Deploy, GIT, SonarQube, Fortify SCA, Rally etc.
- Spring Framework, Hibernate and JUnit
- Data Structures and Algorithms
- PL/SQL (procedural language extension to Structured Query Language)
- CI/CD and SDLC using Agile Methodology
- Django Web Framework
- OpenUI5 Application Framework

## ACHIEVEMENTS

- Secured AIR 6 in **Indian Engineering Olympiad 2016**
- Selected for prestigious **ACM International Collegiate Programming Contest** (**ICPC**) to represent NIT Patna at Chennai Regionals 2015
- Awarded several Bravo's **(Employee Recognition)** for Innovation and Performance in UHG
- Ranked AIR 23 in NPTEL Onsite Test for certification on **Programming and Data Structures** conducted by IIT Madras with a score of 95%
- Percentile >98 among 17 rated contests on **HackerRank Coding Platform** [handle: prakhar_ss]
- Specialist on **CodeForces** [handle: prakhar_ss]

## PROJECTS

**Medicare as Secondary Payer** *(UHG Hyderabad)*                              **[Jul 2017 – Present]**
Ensuring the Centers for Medicare & Medicaid Services (CMS) and our clients have the most complete and accurate special status information for their Medicare Advantage members. Medicare as Secondary is a term used when Medicare is not responsible for paying first on a health care claim.
*Spring Framework, Hibernate, JSF, PL/SQL, JavaScript etc.*

**SAP Omni Channel Banking** *(SAP Labs Pune)*                              **[Jan 2017 – June 2017]**
The Omni channel strategy from SAP incorporates a platform and process-orchestration capabilities that drive customer-centric interactions across multiple channels.
*OpenUI5 Application Framework, Spring Framework, JavaScript, Rest Services, etc.*

**TCube (train the teacher) – an effective education initiative** *(IIT Bombay)*        **[May 2016 – July 2016]**
This software targets to train teachers of technical institutes in India to improve the teaching skills. TCube cater registration, course delivery, performance evaluation, remote center management etc.
*Django Web Framework, Python, JavaScript etc.*

## JOB RESPONSIBILITIES (CURRENT)

- Requirement and functional analysis of user stories
- Designing the functionality of user stories
- Backend and database development
- Peer Code Review
- Build the code using Jenkins and deploy it using XL Deploy
- Improving the quality of code based on SonarQube results
- Fixing security issues found by fortify static code analyzer
- Handling service-now incident tickets issued by Business team
- Managing the code by version controlling using GIT

**PLACE:** Hyderabad**,** Telangana - INDIA                              **Prakhar Singh Sengar**