

Prakhar Singh Sengar

Software Engineer, UHG

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AREA OF INTEREST

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

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]

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

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

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