

ARUSH NAGPAL

Ph: +91-9988090859

Email: nagpal.arush16@gmail.com

EDUCATION

- **B.E. in Computer Engineering**, Thapar University, Patiala 2013-2017
CGPA: 8.86/10
- **12th Senior Secondary examination** 2012-2013
CBSE Board, Aggregate 93.4%
- **10th Secondary examination** 2010-2011
ICSE Board, Aggregate 94.86%

EXPERIENCE

- Engineer II – Development **Walmart Labs** Aug 2017 - Present
Maintaining the internal monitoring system and developing modules for centralized log collector
NodeJs, GoLang, Shell Scripts, KairosDB, Java
- Software developer Intern **Walmart Labs** Jan 2017 - July 2017
Developed application monitoring and alerting platform which kept a check on health of various application specific and infrastructure specific metrics like CPU, heap usage, no. of requests, processes failed. Focus on Scalability. Could handle around 1 million datapoints/minute.
NodeJs, AngularJS, GraphiteDB, Cassandra, KairosDB, Oneops Cloud Platform
- Content developer Intern **Aspiring Minds**
Marked solutions for their complexity, understandability and developed coding challenges for the hiring platform

PROJECTS

- Designed website and e-Resource management for NNCL College Library, TU
Web Project made in PHP that manages the e-Books and e-Journals for TU
(Team of Two). Technologies Used: PHP, MySQL, Bootstrap
<http://cl.thapar.edu:8080/library/>
- Contest Ranker – A portal where users can create, host and submit solutions to machine learning problems whose results are evaluated in real time and leaderboard is updated.
Build for scalability. Technologies Used: NodeJs, ExpressJs, PugJs
- Web Scraping and Sentiment Analysis on Amazon Product Review data for related products
A python project to study the positive, negative and neutral sentiment of a review
Technologies Used: urllib2, BeautifulSoup, VADER, matplotlib
- HostMyExam, an MCQ test hosting portal made to learn the intricacies involved in Web development
Technologies Used: PHP, MySQL, Bootstrap
- A web application that managed the hostel allocation website for 3 hostels, TU scaling to around 800 people at one time and improvements made in Thapar Hostel J Complaint Management System
Technologies Used: Codeigniter, PHP, MySQL

ACHIEVEMENTS

- Listed in Myntra Hall of Fame for exposing a CSRF bug (<http://www.myntra.com/security/whitehat>)
- Awarded Merit Scholarship by TU every Semester in College
- Achieved Third position in a Hackathon organized by Cube26
- Won Third prize in TuCTF organized by Thapar University in 2015
- Qualified InCTF 2015 for National Round (5 Member Team)

RESPONSIBILITIES

Joint Convener, Creative Computing Society, TU
Publicity Convener, OWASP TSC
Vice Head, Creativity Team, Hostel J, TU

Jan-June 2016
Aug-Dec 2015
Jan- June 2015