SHUBHAM PATEL

+1 206 790 4751
shubhpatel108@gmail.com
https://shubhpatel108.github.io/

EXPERIENCE

AMAZON   **Seattle, US**
Software Development Engineer   **Apr '19-Present**
- Developing low-latency catalog systems performing 30K brand-barcode validations/sec, preventing 10K product hijacks/day.
- Developed statistical data quality improvement systems for reconciling product data from 60K contributions/sec for Amazon Catalog, fixing 500M products' data.

AMAZON   **Bangalore, IN**
Software Development Engineer   **Aug '16-Apr '19**
- Developed Warehouse Management System for Amazon Sellers worldwide, launched in 5+ countries.
- Projects led include customer order cancellation workflow and adding support for expirable inventory.

BERKMAN KLEIN CENTER, HARVARD UNIVERSITY   **Remote**
Open Source Software Developer (Google Summer of Code 2016)   **Apr '16-Aug '16**
- Worked on easing reservations approval process and report generation in Book-a-nook. [code]
- Developed 20 features including data visualization tool and notification system. [report][video][proposal]

PRACTO TECHNOLOGIES   **Bangalore, IN**
Software Engineer – Intern   **Jan '16-Apr '16**
- Developed a scalable framework for replicating production infrastructure based on AWS. [whitepaper][slides]
- Reduced manual efforts by 90% from 2.5 hours to 10 mins.

AMAZON DEVELOPMENT CENTRE (INDIA) PVT. LTD.   **Bangalore, IN**
Software Development Engineer – Intern   **May '15-Jul '15**
- Developed an automation tool for internal teams which facilitates periodic and on-demand notifications.

BOOKLY WEB LLP.   **Gandhinagar, IN**
Technical Lead, Backend Developer   **Mar '14-Dec '14**
- Led a team of 8 in building a college-oriented portal to buy/sell used books. [code]
- Launched and used in 35+ universities in India.

EDUCATION

DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY (DA-IICT)   **Gandhinagar, IN**
                                                                                                      2012-2016
Bachelor of Technology, Information and Communication Technology, CPI: 8.57/10
- Lead Manager, Google Developer Group, DA-IICT Chapter (group size: 18 members and volunteers)
- Team Lead (team size: 9), Software Engineering project [coursework]

SGVP INTERNATIONAL SCHOOL   **Ahmedabad, IN**
ISC, Grade 12th 90.20%   **2012**
ICSE, Grade 10th 89.29%   **2010**
- School Captain, 2010-11
- School Vice-Captain, 2008-09
- Captain, School Football (soccer) Team, 2008-10

LANGUAGES AND FRAMEWORKS

- **Tools:** AWS, Weka, Eclipse, IntelliJ, Git, GitHub, ElasticSearch, NLTK, Scikit-learn
- **Languages:** Java, C, C++, Ruby, Python, HTML, CSS, JavaScript
- **Frameworks:** Spring, Hibernate, Ruby on Rails, ReactJS, Sinatra, Flask, jQuery, Flux, Handlebars
- **AWS:** DynamoDB, Kinesis, Data pipeline, Redshift, Aurora, ElasticSearch, SQS, SNS, S3, EC2, Lambda, RDS, SageMaker, CloudFormation, CloudWatch, API Gateway, IAM

ADDITIONAL HONOURS

- State level Soccer player, Ahmedabad team, Gujarat (India), 2007 and 2009
- Speaker, FOSSASIA Summit, Singapore, 2017; Talked about recent impactful advancements in AI
- Speaker, Google Developer Group Developer Fest, Coimbatore, 2016; Talked about Git & GitHub
- Mentor, Google Code-In, 2016
- Mentor, MIT Launch Program, 2016
- Mentor, GirlScript India, Summer of Code 2018