Vikas Yadav

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Experience

- **Full Stack Developer** at **Yumlane** (February 2017 – Present)
  - Worked on Internal tools and Analytics dashboard and developed new features to meet custom requirements.
  - Developed Offers & Discounts system for stores and integrated it with accounting and invoicing system.
  - Built Inventory Management System to track movements of goods between locations.
  - Worked on DMS Android Application and implemented features to add store and work on new types of tasks.

  Technologies: Python, Django, ReactJS, JavaScript, Android, HTML, CSS, SASS, AWS, Git.

- **Intern** – **Back-end Developer** at **Yumlane** (May 2016 – January 2017)
  - Developed Internal accounting and invoicing tools that reduced repetitive jobs on Excel.
  - Created Analytics Dashboard which helped the sales team analyse trends in different stores and clusters.
  - Built Beat planner web application and backend for Distribution Management System (DMS) android application which saved a lot of time of operations and logistics team and reduced error-prone manual invoicing work load.
  - Developed Retailer Incentives system which automated incentive calculations for incentive schemes running on individual stores and generated periodic bank-compatible payment request file for pending incentive payments.
  - Implemented backend logic for Retailer Android Application, an app for retailers to claim incentives and see sales data.

  Technologies: Python, Django, REST API, ReactJS, JavaScript, Bootstrap, AWS, Git.

Technical Skills

- Languages: Python, JavaScript, HTML5, CSS3, SASS/SCSS.
- Frameworks/ Libraries : Django, Django REST, Flask, ReactJS, Bootstrap.
- Other technologies: REST APIs, Git, GNU/Linux, PostgreSQL, Redis, Nginx etc.
- Understanding about web application security, common vulnerabilities and their prevention.
- Familiarity with deployment work flow of python applications and micro-services to infrastructures like AWS EC2, AWS EB, AWS Lambda, DigitalOcean etc.

Open Source Projects

- **django-notify-x**: A Django application for sending and receiving web notifications.
  - Uses Django's Signals to send notifications.
  - Can send bulk notifications; distinguishes notifications by types, giving developers flexibility to configure render logic for each type of notification.
- **python-qbittorrent**: Python client for qBittorrent's web API
  - Perform tasks like authentication, torrent add/delete/update and range of tasks which are not necessarily documented in qBittorrent's API documentation.

Achievements

- Rewarded for reporting security vulnerabilities under bug bounty programs of various tech giants such as: Facebook, Yahoo!, Adobe, BlockChain.info.
- In top 20 security researchers list at Cobalt.io (previously CrowdCurity), a bug bounty platform during year 2015.

Education

- BCA – YCMOU – 2019 (expected)