

devlr_{v2}

show your skills, share your life



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Facebook + GitHub = devlr

GitHub is version-control focused and professionally oriented. Facebook is for anyone and everyone to share posts. With devlr, you get a developer-focused social incentive to keep your work profile up to date while also adding a view into your personal life: your extended background exposition, your aesthetic taste through theme choice, and your personality in your posts.

devlr v2 delivers more features to make connecting easier, with real-time communication via user posts and comments.

concept

description

devlr is an app where you can create a customized profile to display your development background, pinned projects and life posts to connect with other developers worldwide.

motivation

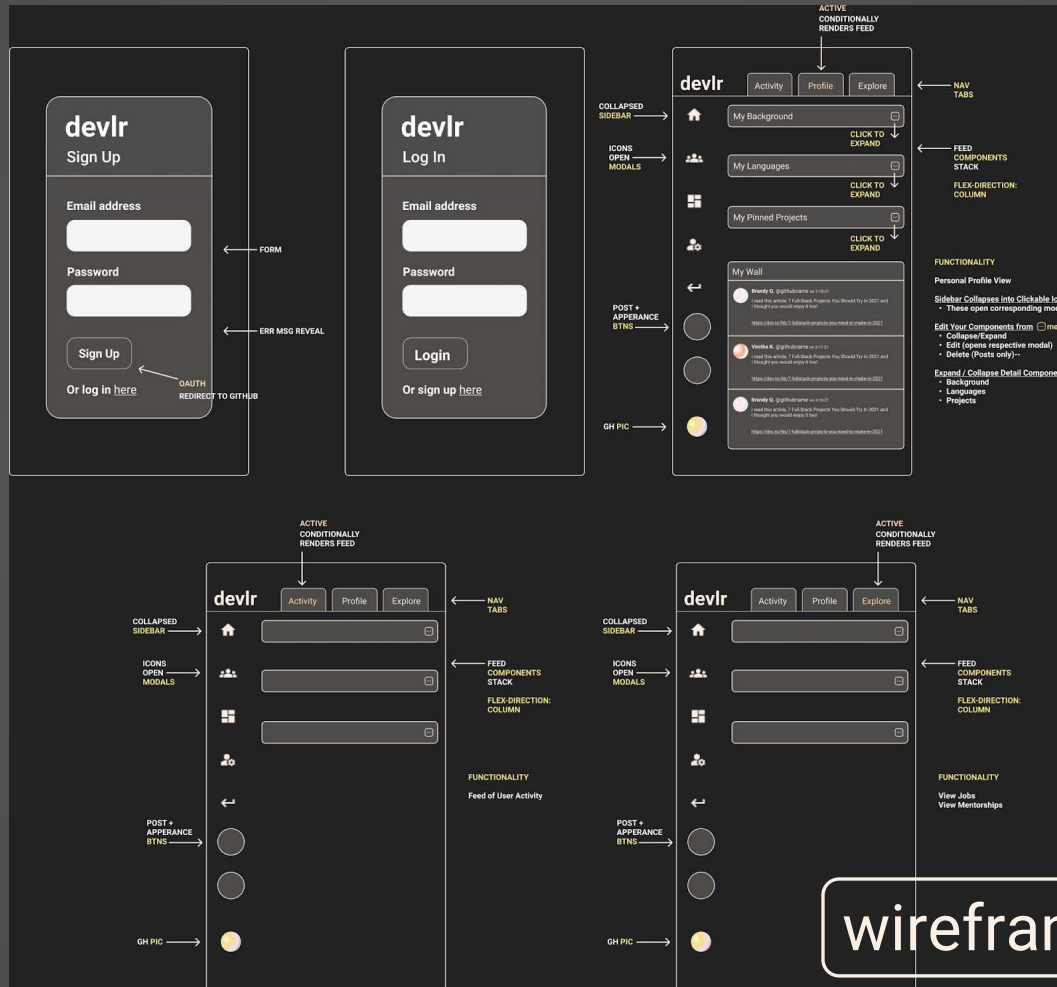
The devlr team wanted to create a social platform for developers to share their work, as well as their day-to-day life-experiences. delvr users are a part of a community where they are able to connect with other developers and share snippets from their portfolios and what is going on in their lives.

user story

AS an authenticated user...

I WANT to use an app to display my web development portfolio as a social media profile

SO THAT I can network with other developers



new features ✨

devlr v2 new features

- Socket.IO for real-time communication between the web client and server
- OAuth for accessing GitHub user data
- Comments and likes for posts
- Post and comment link integration using linkify
- Followers and following of users
- Animated loading screens
- Mobile device responsiveness
- Password reset with email link
- Browse users capability
- Ability to update profile
- Email capability for password resets and notification of users comments to original poster

development process

technologies and methodologies

- MERN stack with full CRUD operations
- MVC – models, views, controllers folder structure
- GitHub API for retrieving user GitHub data and avatar
- Node.JS
- Circle CI/CD for commit testing and automatic deployment
- Linter for formatting control
- Socket.IO - live feed updates for posts for all users that are viewing that post
- Context API Reducer to Dispatch to Store and update State
- Multiple contexts / 4 layers and varying component states
- Atlas for Heroku database
- Deployed to Heroku for app hosting

npm packages

client npm packages

- "bootstrap": "^4.6.0",
- "dotenv": "^8.2.0",
- "eslint": "^7.25.0",
- "password-validator": "^5.1.1",
- "react": "^17.0.2",
- "react-bootstrap": "^1.5.2",
- "react-dom": "^17.0.2",
- "react-hook-form": "^7.4.2",
- "react-router-dom": "^5.2.0",
- "react-scripts": "4.0.3",
- "react-toastify": "^7.0.4",

server npm packages

- "axios": "^0.21.1",
- "babel-eslint": "^10.1.0",
- "bcryptjs": "^2.4.3",
- "express": "^4.17.1",
- "express-session": "^1.17.1",
- "if-env": "^1.0.4",
- "mongoose": "^5.12.7",
- "nodemailer": "^6.6.0",
- "passport": "^0.4.1",
- "passport-local": "^1.0.0",
- "socket.io": "^4.1.2",

DEMO TIME

successes and challenges

successes

- Great teamwork! kat | liz | vinitha | keaton | brandy
- Agile GitHub Kanban project board used for project collaboration between five team members
- Refactored devlr v1 to React
- Refactored mySQL database models to Mongoose database models
- Mobile platform responsiveness
- Implemented oAuth for access to GitHub profile data and avatars

challenges

- Socket.IO for feeding live updates of posts to all users actively viewing posts
- CI/CD with CircleCI
- ES Lint with Prettier formatter

future development

future

- Use GitHub passport for user sign ins through GitHub to sync all account data with GitHub
- PWA
- Upload images
- Chat feature
- Mentor matching
- Job board
- Monetize devlr
 - post devlr on a live server with a dedicated URL: <https://devlrapp.com>
 - add Google Analytics
 - sign up for Facebook credit
 - sign up for Google Ad Pages
 - join KC Developer Network and other groups to spread awareness of devlr

about

devlr links

- Deployed - <http://devlrapp.herokuapp.com>
- GitHub repo - <https://github.com/brandyquinlan/devlr>
- Dedicated website URL (coming soon): <https://devlrapp.com>

devlr development team

- Brandy Quinlan: Project Manager/Git Controller, Front End Development
- Kat Buchanan: Front End Development
- Liz Townsend: Front End Development
- Vinitha Kumar: Back End/DB Development
- Keaton Brewster: Back End/DB Development/Dev Ops